

A large, vertical hourglass is the central focus of the cover. The top bulb is filled with a fine, white powder. A stream of this powder is falling from the narrow neck into the bottom bulb. The background is a deep, solid blue.

The Gift of Time

A black and white photograph showing a hand holding a test tube. The test tube contains a clear liquid. The background is blurred, suggesting a laboratory setting.

FOUNDATION FOR
ANESTHESIA
EDUCATION AND
RESEARCH



2006 Annual Report



Contents

- 2** Letter from FAER Leadership
- 6** ASA Centennial Gala
- 10** FAER 2006 Research Grant Recipients
- 13** Corporate Sponsors
- 15** Individual and Foundation
Contributors
- 20** Subspecialty Society Contributors
- 23** Financials
- 26** Board of Directors and Staff

During the preparation of this report, great effort was made to ensure the accuracy of all names and titles and to include all contributors. If we have erred, please accept our apologies and let us know so that we may make corrections in the future.

FOUNDATION FOR ANESTHESIA EDUCATION AND RESEARCH

The Gift of Time

2006 Annual Report

The programs and initiatives included in this report highlight ways in which FAER serves the specialty. We are grateful to all who direct their time, talent and financial support to strengthening the anesthesia community. These relationships allow FAER to grow and fulfill its research and education mission.

Annual report for the period

January 1, 2006 to December 31, 2006



Philanthropy in Anesthesia: *The Necessary Difference*

Joanne M. Conroy, MD
Chair, FAER Board of Directors

Philanthropists in the United States had a blockbuster year in 2006, with 60 of the most generous giving over \$50.5 billion. Donors had a broad range of interests that included global warming, micro-finance projects, stem-cell research and the advancement of human rights for gay people. Philanthropy is changing as the first of the baby boomers approach age 60. Anesthesiologists, among them, have the potential to unleash enormous amounts of charitable dollars in the near future. Just as we direct the dollars we spend to companies whose operating principles are aligned with our own political or moral principles, we see young philanthropists who are using their dollars to make a difference during their lifetime. They are looking for a social “return” on their investment.

It begs the question of the attraction of philanthropy in anesthesia, both for corporate and private donors, and future funding of anesthesia research activities. Venture philanthropists believe there is a better return on grants to young researchers than to researchers at the peak of their careers. They are looking for the passion to fight for a cause over the course of years. The belief that one is making a difference is more important than money to the researcher who can and will make a difference.

FAER’s focus on developing young researchers committed to the acquisition of new knowledge requires a clear commitment on a political level from the American Society of Anesthesiologists and a set of clear and practical recommendations. FAER has been involved over the past year in increasing individual grant amounts, creating a forum for medical student research and developing a cadre of mentors who can provide critical support to young academic anesthesiologists. FAER has been focused on increasing grant dollars by working with foundations, corporations, and individuals.

Foundations, Corporations, and Future Synergy:

Foundations meet a unique role in modern society. They are private entities serving the public good. Their role is now seen more broadly as promoting public benefit research. There is a new focus on results-related research to address needs that often cross national borders.

Although they often have disease specific interests, foundations can help research efforts by increasing funds for fundamental research projects and early-stage applied research that is not sufficiently developed to attract industry funding. They can fund interdisciplinary projects to enhance research collaboration. Collaboration across the silos in research organizations is believed to greatly accelerate the progress of research. Private funders can identify research priorities, disseminate successful approaches that work, and fund politically unpopular areas of research. Partnering foundations with both industry and the academic source of young talented research is the best way to fund entities that will advance the research agenda. Industry has historically been a major financial supporter of anesthesia research efforts. With shrinking available dollars to fund “developmental research,” and a decrease in Research and Development allocations, there is an emerging interest in “pre-competitive” research in academic institutions.

Individual Donors: Most charitable giving in the United States is from individuals. We are now seeing the emergence of the venture philanthropist who is actively engaged in the research process and is extremely results focused. Numerous surveys indicate that the public in general favors investments in medical research. A major challenge is to educate individuals on how they can support such research. It will be important to overcome perceptions that research cannot be supported by small donors, that research funding requires scientific staff for proposal assessment, and that research is the sole province of government and industry. As an analogy, despite significant governmental investment, education captures the second greatest share of total private philanthropic dollars. Philanthropists see the public-private educational partnership as very beneficial. We need to foster the same type of thinking as it relates to investments in health research in anesthesia.

In summary, FAER has had a busy year furthering these goals as we reach out to foundations and industry while selling the potential synergies available through FAER’s research councils. We still have a tremendous amount of work ahead of us as we educate and create momentum among our public, foundation and industry partners to advance the science and the education of scientists in anesthesiology.

The Gift of Time: *A Personal Donation to Our Patients*



*D. David Glass, MD
Vice-Chair, FAER Board of Directors*

Time. Webster defines time as, “every moment there has ever been or ever will be.” It sounds from this definition that time has been and will be endless. In that context, of course, it is very true. Yet, as we go about our professional and personal lives in today’s world, there never seems to be quite enough time. Indeed in the context of the FAER mission, we are the recipients of time given freely by so many members of our specialty. For over 20 years, physician anesthesiologists and public members have actively chosen to give this non-renewable commodity to our specialty as FAER Board members, committee members, grant reviewers, and advisors—all with the goal of fostering research in Anesthesiology and its related subspecialties. Travel, meetings, and associated activities of the board members and the reviewers represent a personal donation to our specialty of the resource of time.

In turn, countless individuals, corporations, and the American Society of Anesthesiologists and its component societies provide the financial resources which allow FAER to provide the gift of time (and resources). FAER grant recipients explore the scientific foundation of anesthesiology, thus furthering its scientific discovery and ultimately improving patient care—the lifeblood of any medical discipline.

*“We are the recipients of time
given freely by so many members
of our specialty.”*

These gifts of time then are ultimately focused on the patients we are privileged to serve. We are learning from research to be able to provide safer time intra-operatively. We are able to increase the time without pain for patients suffering from acute and chronic pain. Supportive time in the intensive care unit is crucial in a critically ill or injured patient to allow healing to occur without complications of therapy. And finally, through work with Palliative Care and other activities these gifts of time help the end of one’s life to be of the best possible quality. FAER’s missions therefore, center on the receipt and the giving of time for the benefits of our patients and our specialty.

Research Grants: *FAER's Gift of Time*



Denham S. Ward, MD, PhD
University of Rochester, Department of Anesthesiology, Rochester, NY

“Time, space and money”: the mantra of one of my early mentors. These elements, together with good mentoring and a desire to pursue an academic career, are keys to success. Although infinite space and money clearly are not within our grasp, time is nevertheless the most precious and finite of our personal resources. Our junior faculty’s time pressures today are qualitatively different than even a few years ago. While space and money are quite tangible, giving a junior faculty time to pursue and reflect on research questions is vital to the future of our specialty.

Another of my mentors told me that if you are going to do research, it has to be what you think about when you take your shower in the morning. By this he meant that any extra time, even if it is multitasking time, should be devoted to your research project; if your mind wanders, this is where it should wander off to.

“Although infinite space and money clearly are not within our grasp, time is nevertheless the most precious and finite of our personal resources.”

One of the quotes I use in a senior medical student basic science course I direct, called “Process of Discovery,” is from David F. Horroben (Effective clinical innovation: an ethical imperative. *The Lancet* 359:1857-58, 2002): “Confronted with an illness of whatever type or severity, a doctor has two ethical imperatives. The first is to ensure that a specific

patient receives the best available current medical care. The second is to develop new treatments so that the patient and others with the same problem can be treated completely, easily, and economically.” Our medical schools and residency programs do a tremendous job of educating the next generation to meet the first obligation. But, although many medical students take time away from medical school to pursue topics that could be related to the second ethical imperative, this becomes more difficult as a physician’s career progresses and pressures increase for both service and family responsibilities. There is concern that not enough junior faculty and fellows are taking the second ethical imperative to heart to sustain our specialty.

The true gift of time is the time that we give to each other, with some of the most valuable being the time that mentors give to their protégés. Mentors play an important role in all of FAER’s activities, from the mentored research grants to the FAER-sponsored Academy of Research Mentors. But mentoring is not always, or even often, so formally organized. Mentoring is also when we instill in our junior colleagues and residents the curiosity of how we can best improve the care of our patients. Whether this mentoring time occurs in the operating room or in the laboratory, whenever we give some of our time to share our love of the specialty and how we can make it better, we are giving the gift of time.

With your support, FAER is able to provide money to help supply the time and space that our junior faculty members need for development of an academic career. But the real gift of time is the one we give every day when we take time to impart to students, residents and colleagues a sense of the duty that we have as physicians. This example fulfills both of our ethical obligations to our patients.



Mentorship in Anesthesiology: *A Mentor's Perspective*

*Brett A Simon, MD, PhD
Associate Professor
Vice-Chair for Faculty Development
Anesthesiology and Critical Care Medicine
The Johns Hopkins School of Medicine, Baltimore, MD*

There are many familiar barriers to success in academic medicine, and anesthesiology in particular. While programs such as the Medical Scientist Training Program and National Institutes of Health Loan Repayment Program help to reduce financial disincentives, and starter grants and career development awards can fund those key early projects, it is effective mentorship that transforms these investments into long-term success. Beyond technical scientific guidance, mentorship provides role models, strategic and emotional support, advocacy, focus, and encouragement at critical junctures in the personal and career development of junior faculty. In keeping with the theme of this FAER annual report, mentorship is first and foremost “the gift of time.”

In the past several years there have been hundreds of publications documenting the importance of mentorship for professional development, describing many varieties of programs and structures to this end, and even attempting to scientifically study the merits of one approach over another. While it seems apparent that, ultimately, successful mentorship depends on the individuals involved, there are important organizational considerations that can help enable and encourage this endeavor. On the institutional level, whether or not specific training or formal programs exist, mentorship needs to be an acknowledged, publicized, and rewarded core value. Institutions need to explicitly value mentorship in the promotions process, so that time and effort spent on behalf of one's mentees is not perceived to detract from but rather enhance the mentor's academic progress. Department chairs and division chiefs should support individual and group mentor relationships and publicly celebrate successes, recognizing both the individual accomplishments as well as the contributions of those supporting the efforts.

For the individual, time invested in mentoring can result in some of the most rewarding experiences of one's career. While many aspects of mentorship come naturally to successful academicians, other aspects may not. It is

important to recognize the diverse dimensions of faculty development beyond carrying out a particular research project. Scientific writing is a critical skill for which many physician scientists are poorly prepared. Many institutions sponsor courses on grant and manuscript writing, and mentees should be strongly encouraged, if not required, to participate. In addition to their own writing projects, mentees should assist in reviewing papers, for example, gaining insights into effective study design, analysis, and communication directly translatable to their own work. Building effective collaborations and networks is another under-appreciated but essential skill. Taking the time at a national meeting to tour the posters together and make a few introductions to other investigators in the field may seem like a small thing but can be a memorable and motivating experience for an aspiring academician.

While mentorship discussions often focus on developing successful researchers, academic faculty need and want to develop all aspects of their professional lives. My institution recently almost lost a promising resident who had signed up for a research fellowship on our training grant, which has a one day per week clinical component. When we realized how important it was to this person to also develop strong skills and confidence as a new attending anesthesiologist, we restructured the program to include an up-front intense clinical experience and a parallel formal clinical mentoring plan. Department leadership should ensure that there is appropriate guidance for all aspects of the junior faculty's career, helping identify additional individuals to foster clinical, education, and research career development when needed.

Academic anesthesiology is particularly challenged by production pressures and the financial rewards of clinical work. Enabling and promoting mentorship is thus synonymous with the future of our specialty and must continue to be a priority. Innovative programs such as the FAER Mentored Research Training Grant, which both requires and rewards structured mentorship for developing clinician scientists, and the FAER Academy of Research Mentors, a leadership initiative to continuously seek new solutions to this critical problem, should be applauded and enthusiastically supported.

ASA Centennial Gala

On Monday, October 16, 2006, 1,500 anesthesiologists and friends attended the 2006 American Society of Anesthesiologists Centennial Gala Benefit Celebration. Leaders from ASA and the four foundations were thrilled by the response. It was an evening of great conversation, good food, humorous entertainment and the rewarding experience of celebrating the past, present and future of our specialty.

Peter L. McDermott, MD, PhD, was master of ceremony for the celebration. Attendees were treated to insightful remarks about the Society by ASA Presidents, Dr. Orin F. Guidry (present), Dr. Eugene P. Sinclair (past) and Dr. Mark J. Lema (future) as well as a nostalgic and thought provoking showing of the ASA Centennial Video. The evening's entertainment was rounded out by a special presentation from The Second City, a comedy group known for helping to launch the careers of such comic greats as John Belushi, Mike Myers, Bill Murray and Gilda Radner.

Funds raised during this event benefited the ASA foundations: Anesthesia Foundation, Anesthesia Patient Safety Foundation, Foundation for Anesthesia Education and Research and Wood Library-Museum of Anesthesiology. In addition to the financial support, the foundations welcomed the knowledge that friends and colleagues believe in what they are doing and are prepared to support them in attaining their missions and goals.

ASA Centennial Contributors

Abbott Laboratories
John P. Abenstein, MD
Ezzat I. Abouleish, MD
Joel A. Ackerman, MD
Jerome Adams
Sean S. Adams, MD
Bruce T. Adelman, MD
Linda Adkins
Michael O. Adkins, MD
Sherif M. Afifi, MD
Shireen Ahmad, MD
Mohammed I. Ahmed, MD
Zulfiqar Ahmed, MB, BS
Virgil M. Airola, II, MD
Drs. Virgil & Mary Airola
Hammam H. Akbik, MD
Alabama State Society of Anesthesiologists
David B. Albert, MD
Richard P. Albertson, MD
Dr. & Mrs. Richard Albertson
Maurice S. Albin, MD
Meredith Ann Albrecht, MD
Ronald F. Albrecht, MD
UIC - Anesthesiology
Benigno R. Aldana III, MD
Martin W. Allard, MB
Hugh W. Allen, MD
Paul D. Allen, MD, PhD
James A. Allinger, MD
John W. Allyn
Melanie Jeanne Alo, MD
Robert S. Alphin, MD
Maria C. Alvarado, MD
Peter Alves
American Society of Anesthesiologists
American Society of Critical Care Anesthesiologists
American Society of Regional Anesthesia & Pain Medicine
Pedro P. Amorim, MD
Diane Amox

Suzanne T. Anderson
Kerry J. Ando, MD
J. Jeffrey Andrews, MD
Anesthesia Associates of Morristown & Morristown Memorial Hospital
Anesthesia Care of Ohio, Inc.
Anesthesia Patient Safety Foundation
Anesthesiology Consultants of Virginia, Inc.
George Angelopoulos, MD
Shane C. Angus, AA
Dr. & Mrs. Joseph Annis
Travis Ansley, DO
Joseph F. Answine, MD
Bernd Antkowiak, MD
Joseph F. Antognini, MD
Jeffrey Apfelbaum, MD
James F. Arens, MD
Arizona Society of Anesthesiologists
Valerie A. Arkoosh, MD
Valerie E. Armstead, MD, FAAP
Beth Arnold
Donald E. Arnold, MD
William P. Arnold, III, MD
Solomon Aronson, MD
Mary E. Arthur, MD
Radha Arunkumar, MB, BS
Aspect Medical Systems, Inc.
Association of University Anesthesiologists
Joshua H. Atkins, MD
Douglas R. Bacon, MD, MA
John J. Badal, MD
Stephen P. Bailey, MD
Christopher J. Baker, MD
Keith H. Baker, MD, PhD
Scott W. Baker, MD
Lee A. Balaklaw, MD
Barbara Baldwin

Marc Balin, MD
Pam Balthazor
Drs. Nisantha & Piching Bandaranayake
Margaret Bannerman, MD
Paul E. Banta, MD
Paul H. Barach, MD
Anna Barczewska-Hillel, MD
Steven J. Barker, MD, PhD
Bradley Barnes
Roxann D. Barnes, MD
Theodore P. Barss, MD
Doug Bartlett
Rick Barwacz
George E. Battit, MD
Verna L. Baughman, MD
Richard K. Baumgarten, MD
Georgeause, MD, MPH
Baxter Healthcare Corporation
Baylor College of Medicine
Gail & Karl Becker
Rick Bedan
Richard A. Beers, MD
Eileen Begin, MD
Berthold Bein, MD
Alex Bekker, MD
Matthew R. Belmont, MD
Joseph C. Belshe, MD
Bruce Ben-David, MD
Audree A. Bendo
Richard A. Benedikt, MD
Suzanne Bennett
George Richard Benzinger, III, MD, PhD
Tim Berger
Mordechai Bermann, MD
Arnold J. Berry, MD, MPH
Marc L. Bertrand, MD
Vidya R. Bethi, MD
Eugene K. Betts, MD
Brian K. Bevacqua, MD
Ramachandra J. Bhat, MD
Alan Bielsky, MD
Karen Bieterman

Wendy B. Binstock, MD
Carolyn & Harry Bird
Michael & Shirley Bishop
Bruno Bissonnette, MD
Thomas & Maggie Blanck
Suzanne Blaylock
Casey D. Blitt, MD
Blue Bell Bio-Medical
Clemens Bluemel
Krishna Boddu, MB, BS
Terrence D. Bogard, MD
Cindy Boggins
Mary C. Bolden, MD
Adrian Bosenberg
Zeljko Bosnjak, PhD
Dr. Arthur Boudreaux
John K. Boudreaux, MD
Gregory W. Bouska, MD
Jill K. Boyle, MD
Philip F. Boyle, MD
Christopher A. Bracken, MD
Wilmer D. Bradley, MD
Thomas B. Brailliar, MD
John Branhall / Jormain Cady
Jeffry Brand, MD
Anthony Brazda
Stephen M. Breneman, MD
Edward Brennan
Diann H. Bridenbaugh, MD
Phillip O. Bridenbaugh, MD
Brigham & Women's Hospital, Department of Anesthesiology, Perioperative & Pain Medicine
Colin S. Brinkmann, MD
Neil W. Brister, MD
Lynn Broadman, MD
Diane Broce
E. Jane Brock, DO
Bruce R. Brookens, MD
Frederick R. Brosch, MD
David Broussard, MD
Allan C. Brown, MD, MB

David L. Brown, MD
Jeanelle Brown, MD
Walter U. Brown, Jr, MD
Dr. & Mrs. Walter Brown
Patricia M. Browne, MD
Richard A. Browning, MD
Thomas M. Bruckman
Sorin J. Brull, MD, PhD
Ronald Bruns
Claude D. Brunson, MD
Ralph Buchanan
Brenda A. Bucklin, MD
Allen W. Burton, MD
Daniel R. Bustamante, MD
John F. Butterworth, IV, MD
Anjum Bux, MD
Michael G. Byas-Smith, MD
Susan Cabert
Ann Cafferty
Michael K. Cahalan, MD
Kelly H. Cain, MD
Chris Caldwell
California Society of Anesthesiologists
Clair Callan, MD
Clair & Sean Callan
Selma H. Calmes, MD & Robert Woodhams
Marino Camaioni, MD
William R. Camann, MD
Brian J. Cammarata, MD
Elizabeth Campbell
Robert Campbell, MD
Judi Campo
Edgar D. Canada, MD
Christel A. Carlson, MD
Sheila K. Carlson, MD
Richard J. Carr, MD
Pam Carson
Richard Carson
Christopher W. Cary, MD
Marc Cassidm
Alfonso Casta, MD
Manuel R. Castresana, MD
Laura F. Cavallone, MD

Elizabeth J. Cavanagh, MD
Cerner Corporation
Michael W. Champeau, MD
Susan M. Chan, MD
Natasha Chandanani, MD
Benjamin M. Chang, MD
Khaled Chaouki, MD
James W. Chapin, MD
David B. Cheek, MD
Theodore G. Cheek, MD
Kiran K. Chekka, MD
Jacques E. Chelly, MD
Lorelee Chelly
Lillian K. Chen, MD
Frederick W. Cheney, MD
Bayer P. Cheng, MD
Sampath K.
Chennamaneni, MD
David H. Chestnut, MD
Albert T. Cheung, MD
Sanjeev V. Chhangani, MD
Sara Jean Childers, MD
Children's Hospital Boston
Christopher David Chinn, MD, MPH
Albert R. Cho, DO
Matthew S. Chow, MD
Vivien Chow
Paul J. Christo, MD
Marlene V. Chua, MD
Jon W. Churnin, MD
Franklyn P. Cladis, MD
John L. Clark, MD
Randall M. Clark, MD
Richard B. Clark, MD
Robert Clark
Jonathan T. Clarke, MD
Miguel A. Cobas, MD
Ira Todd Cohen, MD, MED
Neal H. Cohen, MD
Norman & Michelle Cohen
Craig Collins, MD
John M. Collins, MD
Dr. John & Phyllis Colpitts

ASA Centennial Contributors *continued*

Columbia Dept of Anesthesiology
 Lydia Conlay, MD, PhD
 Lois Connolly, MD
 Brian R. Conroy, MD
 Joanne M. Conroy, MD
 Kim Conroy
 Christopher R. Cook, DO
 Julie Cook
 John Coolidge
 Lebron Cooper
 Doris K. Cope, MD
 Mihaela Cornea, MD
 Carey H. Costantini, MD
 Stephen C. Cotton, MD
 James E. Cottrell, MD
 Rafael Coutin, MD
 Drs. Rafael Coutin & Mary D. Peterson
 Dennis D. Crane, DO
 Harold D. Craven, MD
 Joseph P. Cravero, MD
 Dr. & Mrs. David A. Cross
 Ann Crowley
 Ryan A. Crowley, MD
 Steven & Jodi Marie Croy
 Dr. & Mrs. Bruce Cullen
 David J. Cullen, MD, MS
 David & Kathy Cullen
 Miriam E. Cullen
 Deborah J. Culley, MD
 Alan E. Curle, MD
 Drs. Patrick & Susan Curling
 John D. Current, MD
 Ann Custin
 Thomas W. Cutter, MD
 Mark D'Agostino, MD
 Ralph L. DaGraca, MD
 Patricia A. Dailey, MD
 F. Willson Daily, MD
 Dartmouth Hitchcock Medical Center
 Department of Anesthesiology
 Martin H. Dauber, MD
 Patricia J. Davidson, MD
 Eric R. Davies, MD
 Fred G. Davis, MD
 Julie Davis
 Peter J. Davis, MD
 Renee A. Davis, MD
 Thomas A. Davis, MD
 J. Kenneth Davison, MD
 DC Society of Anesthesiologists
 Kraig S. De Lanzac, MD
 Michael & Misty Decker
 Daniel F. Dedrick, MD
 Timothy R. Deer, MD
 Jose Mauricio Del Rio, MD
 Oscar A. DeLeon-Casasola, MD
 Elise Delphin, MB, BS
 William T. Denman, MB, ChB
 Donn M. Dennis, MD
 Robert H. Dennis, II, MD
 Gino A. Dente, MD

Department of Anesthesia - Stony Brook University
 Department of Anesthesia & Critical Care - Massachusetts General Hospital
 Jayant K. Deshpande, MD
 John Desmarteau, MD
 Jonathan S. Deutsch, MD
 Dr. & Mrs. Jay & Mae DeVore
 Carol Ann B. Diachun, MD
 Nathan Diachun, PhD
 Kristianne Diaz, MD
 John A. Dilger, MD
 Michelle W. Diu, MD
 Susan Dobbs Curling, MD
 DocuSys, Inc.
 Thomas Dodds
 Terry & Vicky Dodge
 Lena E. Dohlman, MD
 Jennifer R. Dollar, MD
 John F. Dombrowski, MD
 Karen B. Domino, MD
 Deanna Dorantes, MD
 Volker Dorges
 Robert A. Doty, Jr, MD
 Michelle A. Douglass, MB, BS
 John J. Downes, Jr, MD
 John & Lori Downs
 Christine Doyle, MD & Stephen Nelson
 D. John Doyle, MD, PhD, FRCPC
 Heather J. Dozier, MD
 Dr. Scott & Marliese Kercheville
 Draeger Medical
 Kenneth Drasner, MD
 Berthold Drexler, MD
 Steven R. Dryden, MD
 Elsa Dugas
 Mark Dugas
 Duke Anesthesiology
 Burdett S. Dunbar, MD
 Erika Dunbar
 Peter J. Dunbar, MD
 Cari Duncan
 Mary Dunn
 Norbert C. Duttlinger, MD
 Richard D. Dutton, MD, MBA
 Douglas B. DuVal, MD
 Monique S. Duval
 Jane Easdown, MD
 Gifford V. Eckhout, MD
 Steven B. Edelman, MD
 Julie Egan
 Robert J. Egan, MD
 Talmage D. Egan, MD
 Dr. & Mrs. Jan Ehrenwerth
 Karl A. Ehrlich, MD
 Jerry Eichhorn
 John H. Eichhorn, MD
 Marsha Eichhorn
 James B. Eisenkraft, MD
 Richard Eller, MD
 Jay S. Ellis, MD

John E. Ellis, MD
 Norig Ellison, MD
 Steven J. Ellstrom, MD
 James Ellwood, MD
 Georgia Elmassian
 Kenneth Elmassian, DO
 April Emerson
 Gerry & Bernadette Emmanuel
 Emory University School of Medicine
 Jennifer Engstrom, MD
 F. Kayser Enneking, MD
 Paul G. Epler, MD
 Jerry L. Epps, MD
 Burton S. Epstein, MD
 Diane Epstein
 Lawrence Epstein, MD
 Bruce W. Evans, MD
 Bryan M. Evans, MD
 John E. Evans, MD
 Maryann Evans
 Lucinda L. Everett, MD
 Alex S. Evers, MD
 John M. Ewers
 Lennart Fagraeus, MD, PhD
 Sammy A. Farag, MD
 Dr. JPM Favier
 Thomas W. Fawell, MD
 Allison J. Fegley, MD
 James M. Feld, MD
 Melvin A. Ferlita, MD
 Lilibeth Fermin
 Rosario Fernando, MD
 F. Michael Ferrante, MD
 Cynthia A. Ferris, MD
 David Z. Ferson, MD
 Aaron M. Fields, MD
 Mary P. Fillingner, MD
 Ralph B. Fillmore, MD
 Alexander N. Fisher, MD
 Jane C. K. Fitch, MD
 James H. Fitzpatrick, Jr, MD
 Mark Flanery, MD & Amanda Flanery
 Michael H. Flashburg, MD
 Lee A. Fleisher, MD
 Randall Flick, MD
 Florida Society of Anesthesiologists
 Richard M. Flowerdew, MD
 Coleman L. Floyd, MD
 Dr. Coleman Floyd
 Herbert M. Floyd, MD
 Thomas F. Floyd, MD
 Dr. & Mrs. H. Jerrel Fontenot
 Manuel L. Fontes, MD
 Foundation for Anesthesia Education & Research
 John Franz, MD
 Ronald Freeman, MD
 Kenneth J. Freese, MD
 Mark Fritz
 Elizabeth A. Frost, MD
 Wayne Fuller, MD
 David K. Fung, MD
 Joseph W. Galassi, Jr, MD
 Maria F. Galati, MBA

Karen A. Gan, MD
 Tong J. Gan, MB, FRCA
 J. Kent Garman, MD
 Virginia T. Gauger, MD
 Jeremy M. Geiduschek, MD
 Adrian Gelb, MB, ChB
 Simon & Maria Gelman
 Brenda A. Gentz
 Georgia Society of Anesthesiologists
 Lorraine Gerus
 James S. Gessner, MD
 Andrew Gettinger, MD
 Anuradha J. Ghogale, MD
 James J. Gibbons, MD
 A. H. Giesecke, Jr., MD & Veronica Giesecke
 Martin Giesecke, MD
 N. M. Giesecke, MD & Susan Giesecke
 Brett A. Giffin
 James E. Gill, MD
 Jan Gillespie / Robert Wagner
 Kevin J. Gingrich, MD
 Chris R. Giordano, MD
 Alice Glass
 D. David Glass, MD
 James A. Glenski, MD
 David F. Gloyna, MD
 Sue Gloyna
 Richard J. Gnaedinger, MD
 Barbara S. Gold, MD
 Carl E. Gold
 Steven D. Goldfien, MD
 Peter A. Goldstein, MD
 Peter Goldzweig, DO
 Henry J. Gonzalez, MD
 Henry & Karen Gonzalez
 Michael C. Gosney, MD
 Amitabh Goswami, MD, DO
 James D. Grant, MD
 Nikolaus Gravenstein, MD
 Shirley A. Graves, MD
 Glenn P. Grawlee, MD
 Dr. & Mrs. William & Melissa Green
 Dr. & Mrs. Andrew Greenberg
 Carolyn Greenberg, MD
 Joel Greenspan, MD
 William L. Greer, MD
 Alan W. Grogono, MD, FRCA
 Scott B. Groudine, MD
 Nathan D. Grunewald
 Nancy Guidry
 Orin F. & Nancy P. Guidry
 Steven A. Gunderson, DO
 Helena B. Gunnerson, MD
 Ashwini Gupta, MD
 Dhanesh K. Gupta, MD,
 Friends of Colin Shanks, MD
 Mary Ann Gurkowski, MD
 Nancy A. Gusaas
 Srinivasa B. Gutta, MB, BS
 Alvin & Brenda Hackel
 Dr. Carin Hagberg
 Heather E. Hagerman, MD

Stephen Vincent Hall, MD
 William & Sherry Hammonds
 Forrest Hamon, MD
 Bradley G. Hanebrink, DO
 Raafat S. Hannallah, MD
 Alexander A. Hannenber, MD
 C. Hannenber
 Mark J. Harbott, MD
 Ralph E. Harding, DO
 Catherine Harris, MD
 Thomas Harrison
 Ninette Hart, MD
 Ronald L. Harter, MD
 Yvonne Harter
 Gregg S. Hartman, MD
 Alan M. Harvey, MD, MBA
 Steven J. Hattamer, MD
 John S. Hattox, MD
 Joy L. Hawkins, MD
 David E. Headrick, MD
 Stephen O. Heard, MD
 James R. Hebl, MD
 John Hedley-Whyte, MD
 Paul M. Heerdt, MD, PhD
 Dr. & Mrs. H. A. Tillmann & Rebecca Hein
 Donald J. Heindel, MD
 Sally H. Helton, MD
 Stephani Henderson
 Peter L. Hendricks, MD
 Lindsey C. Henson, MD, PhD
 David L. Hepner, MD
 Zoltan G. Hevesi, MD
 Roberta Hiatt
 James S. Hicks, MD
 Bradley J. Hindman, MD
 David B. Hirst, MD
 Charles F. Hobelmann, Jr, MD
 Bryan C. Hoelzer, MD
 Michael P. Hofkamp, MD
 Michael W. Hoger, DO
 Sumio Hoka, MD, PhD
 David P. Holder, MD
 Elizabeth F. Holland
 Neil Holland
 Glen E. Holley, MD
 Ingrid B. Hollinger, MD
 Fred D. Holmes, MD
 Stephen Holtzman, PhD
 Nancy S. Horie, MD
 Terese T. Horlocker, MD
 J. Charles Horrow, MD
 Dr. & Mrs. Bill Horton
 Marlene Horton
 William G. Horton, MD
 Constance S. Houck, MD
 J. Jay Houser
 Omid Jarrahi Hozumi, MD
 Bin Hu, MD
 Billy Hudson
 Joanne C. Hudson, MD
 Julie K. Hudson, MD
 Eric M. Humphreys, MD
 Sean E. Hunt, MD
 Marc A. Huntoon, MD

David L. Hurt, MD
 Ronald A. Hutchison, MD
 Dr. Susan Hyun
 Ellen D. Iannoli, MD
 Tricia Ianora
 IARS
 Independent Anesthesiologists, PSC
 Indiana University
 Delegation, John Butterworth, MD, Chair
 John C. Jabour, MD
 Melinda Jack
 Stephen H. Jackson, MD
 Timothy Jackson, MD, PhD
 Jonathan S. Jahr, MD
 Francis M. James, III, MD
 Leslie C. Jameson, MD
 Wayne R. Jandik, MD
 Beverly Janik
 Daniel J. Janik, MD
 Walter K. Janssen, MD
 Palmira A. Janusonis, MD
 Maggie A. Jeffries, MD
 Jeffrey M. Jekot, MD
 W. Scott Jellish, MD, PhD
 Holger Johannsen
 Johns Hopkins University
 Department of Anesthesiology & Critical Care
 Craig M. Johnson, MD
 Dr. Craig M. Johnson & Dr. Philip Boyle
 Glenn Johnson
 Jason S. Johnson, MD
 Jim Johnson
 Kenward B. Johnson, MD
 Sharon R. Johnson, MD
 Yewande J. Johnson, MD
 Edwin D. Johnston, Jr, MD
 Henry C. Johnston, MB
 Richard R. Johnston, MD
 Vicki L. Johnston
 Robert E. Johnstone, MD
 Dr. & Mrs. Clyde W. Jones
 Denise Jones
 Norma A. Jones
 Stephanie B. Jones, MD
 Girish P. Joshi, MD
 Jill Kadam
 Michele R. Kalish
 Murray A. Kalish, MD, MBA
 Peter B. Kane, MD
 Ivan Kangrga, MD, PhD
 Patricia A. Kapur, MD
 Steven M. Karan, MD
 Menelaos Karanikolas
 Karl Storz Endoscopy
 Ananth Kashikar, MD
 Ira S. Kass, PhD
 Dr. Tripti Kataria
 Jeffery A. Katz, MD
 Michele Katz
 Ronald L. Katz, MD
 Brian P. Kavanagh, MB
 Alan D. Kaye, MD, PhD
 Drs. Candace Keller & Thomas A. Joas

ASA Centennial Contributors *continued*

Scott D. Kelley, MD
 Dr. & Mrs. Richard Kemp
 Angela Kendrick, MD
 Sean K. Kennedy, MD
 Scott E. Kercheville, MD
 Gregory E. Kerr, MD, MBA
 Samia Khalil, MD
 Evan D. Kharasch, MD, PhD
 Andrei Khorovets, MD, PhD
 James B. Khoury, MD
 Catherine M. Kierney, MD
 Prasad R. Kilaru, MD
 Jung T. Kim, MD
 Larry Kim, MD
 Stephen J. Kimatian, MD
 Charles Herschel King, MD
 R. Ben King, Jr, MD
 William H. King, MD & Rose
 King
 Gilbert E. Kinyon, MD
 Mary Kinyon
 Gerald T. Kitchens, II, MD
 Chris A. Kittle, MD
 Jerome M. Klafka, MD
 Jan P. Knisely, MD
 Heike Knorpp, MD
 Douglas E. Koehntop, MD
 William Andrew Kofke, MD,
 MBA, FCCM
 Sandra L. Kopp, MD
 Steven M. Koppel, MD
 Sabine Kost-Byerly, MD
 Michael G. Kral, MD
 Joseph F. Kras, MD, DDS
 Forrest J. Krause, MD
 Renee N. Kreeger, MD
 Tom C. Krejcie, MD
 Gopal Krishna, MD
 Michael Kruzcek, MD
 James A. Krukowski, MD
 Jennifer L. Krupp, MD
 Kenneth F. Kuchta, MD
 Jeb Kucik
 Laura Kuhar
 Ami Michelle Kuisle, MD
 Devinder S. Kumar, MD
 Heidi B. Kummer-Breuing,
 MD
 Thomas J. Kunkel, MD
 Phillip LaBore
 Robert S. Lagasse, MD
 Christine Lallo, MD
 Arthur M. Lam, MD, FRCPC
 Samsun Lampotang, PhD
 Ursula N. Landman, DO
 Alice L. Landrum, MD
 John Davis Lane, MD
 William R. Lane, Jr, MD
 Maria Laporta, MD
 Danuta Oktawiec Larson,
 MD
 Michael H. Lasecki, MD
 Terry W. Latson, MD
 Charles E. Laurito, MD
 Patrick J. Lawler, MD
 John P. Lawrence, MD
 Craig S. Lazar, MD
 Erwin Lear, MD
 George Lederhaas, MD
 Benjamin H. Lee, MD

George I. Lee, MD
 Lorri A. Lee, MD
 Steven E. Lee, MD
 Marc L. Leib, MD
 Demetria C. Leong, MD
 Jerrold Lerman, MD
 Norman Levin, MD
 Adam Levine
 Ian H. Lewis, MB, BS
 Peter R. Lichtenthal, MD
 Cynthia Ann Lien, MD
 Douglas Lim, DO
 Donald A. Limbeck, MD
 Yuan-Chi Lin, MD
 Sten G. Lindahl, MD, PhD
 Catherine K. Lineberger, MD
 Lippincott Williams &
 Wilkins Anesthesiology
 Editorial Board
 Ronald S. Litman, DO
 Dr. & Mrs. Roger W.
 Litwiller
 Gregg P. Lobel, MD
 Robert G. Loeb, MD
 Selina A. Long, MD
 Stephen P. Long, MD
 Peter C. Loux, DO
 Gary E. Loyd, MD
 Loyola University Medical
 Center - Department of
 Anesthesiology
 Dr. Arganey Lucas, in
 memory of Peggy Lucas,
 CRNA
 Jason P. Lujan, MD
 Rose J. Luther, MD
 Shannon Lutrick
 Anne Marie Lynn, MD
 Dr. Ronald MacKenzie
 Rosemarie Maddi, MD
 Anne Maggiore
 Matthew J. Magnino, MD
 David P. Maguire, MD
 Aman Mahajan, MD, PhD
 Drs. Vinod & Vidya
 Malhotra
 Shobha V. Malviya, MD
 Durgesh P. Mankikar, MD
 Mohini Mankikar, MD
 Joseph L. Manley, MD
 Alan P. Marco, MD
 Mary Marino
 Stephen Markowitz, MD
 H. Michael Marsh, MB, BS
 Liz Marshall
 Mitchell H. Marshall, MD
 David P. Martin, MD, PhD
 Donald E. Martin, MD
 Linda Martin, MD
 Robert Martin, MD
 Maryland Society of
 Anesthesiologists
 Masimo
 Linda J. Mason, MD
 Massachusetts Society of
 Anesthesiologists
 Laura Mastrosimone
 Rima Matevosian, MD
 Bobby J. Mathew, MD
 Donald M. Mathews

Letha Mathews, MD
 M. Jane Matjasko, MD
 Melissa Matte, MD
 Johnna Matthews, MD
 Walter G. Maurer, MD
 William G. Maxwell, MD
 Randall P. Maydew, MD
 James B. Mayfield, MD
 Mayo Clinic Department of
 Anesthesiology
 Aubrey Maze, MD
 Peter L. Mc Dermott, MD,
 PhD
 John E. McCall, MD
 Gregory B. McComas, MD
 Peter McDermott
 E. Kay McDevitt, MD
 Brian P. McGlinch, MD
 Kathryn E. McGoldrick, MD
 Francis X. McGowan, MD
 Anne M. McKenzie-Brown,
 MD
 Bernadette McKeon
 Naveen H. McLeskey, MD
 James McMichael, MD
 William L. McNiece, MD
 R. J. McNoughton
 Michael Adkins & Kelly
 McQueen
 Kathryn A. McQueen, MD
 Robert J. McQuillan, MD
 Medical College of Georgia
 Medical College of
 Wisconsin Department of
 Anesthesiology
 MedOasis, Inc.
 Medtronic
 Steffen E. Meiler, MD
 Gabriel E. Mena, MD
 Michael H. Mendezsoon,
 MD
 David W. Mercier, MD
 Merck
 Robert G. Merin, MD
 Alan J. Merkow, MD
 Douglas & Deborah Merrill
 Joseph M. Messick, MD
 Jean Thorsen Messner, MD
 Berend Mets, MB, PhD
 Charla Metzker
 Michigan Society of
 Anesthesiologists
 Daniel A. Millan, MD
 Marc Miller
 Ronald D. Miller, MD
 Christopher G. Millson, MD
 Mohammed M. Minhaj, MD
 Minnesota Society of
 Anesthesiologists
 W. Stephen Minore, MD
 Beth H. Mintzer, MD
 Kenneth I. Mirsky, MD
 Jerome H. Modell, MD, DSc
 Dr. & Mrs. Jerome H.
 Modell
 Legia S. Mondesir, MB, BS
 Christopher L. Montgomery,
 MD
 William H. Montgomery, MD

Dr. & Mrs. William
 Montgomery
 Dr. & Mrs. Jack & Aylene
 Moore
 Drs. Roger & Jonni Moore
 Thomas A. Moore, II, MD
 Timothy E. Morey, MD
 Thomas Morizio
 Kevin L. Morneault, DO
 Raymond Morrill
 Corey Mosier
 Ervin Moss, MD
 Henry D. Moss
 Mount Sinai Medical Center
 Craig L. Muetterties, MD
 Joel Mumford, MD
 Patrick Murphy
 Amy M. Murray, MD
 Jay Nachtigal, MD
 Peter Nagele, MD
 Mohamed Naguib, MD
 Brady J. Narr, MD
 Terry Narr
 Naveen Nathan, MD
 Renee Navarroz, MD
 Joseph M. Neal, MD
 James J. Nebelung
 John B. Neeld, Jr, MD, PC
 Dr. & Mrs. John B. Neeld Jr.
 Patrick Neligan
 Nellcor
 Stephen Nelson
 Carlos E. Neumann, MD
 Nevada State Society of
 Anesthesiologists
 New Hampshire Society of
 Anesthesiologists
 New Jersey State Society of
 Anesthesiologists
 New York State Society of
 Anesthesiologists
 New York University
 Hospital for Joint
 Diseases
 Anesthesiologists
 Morrie Newell, MD
 Mark F. Newman, MD
 Daniel Nguyen, MD
 Huong L. Nguyen, MD
 William W. Nichols, MD
 Takefumi Nishida, MD
 Mary J. Njoku, MD
 Mark C. Norris, MD
 North Carolina Society of
 Anesthesiologists
 Northwestern University
 Anesthesiology
 Cathy Novak
 Dr. L. Charles & Cathy
 Novak
 Nancy A. Nussmeier, MD
 Daniel JP O'Brien, MD
 Erin O'Brien
 Ochsner Clinic Foundation
 Administration
 Ochsner Clinic Foundation
 Department of
 Anesthesiology
 Michael F. O'Connor, MD
 Howard Odum, MD

Jennifer E. O'Flaherty, MD
 Ohio Society of
 Anesthesiologists
 Oklahoma University Health
 Sciences Center -
 Anesthesiology, Jane C.K.
 Fitch, MD, Chair
 Gerald O'Leary, MD
 Robert W. O'Leary, MD
 Michael A. Olympio, MD
 Oregon Anesthesiology
 Group, PC
 Oregon Society of
 Anesthesiologists
 Michael O'Reilly, MD
 Luis R. Orosco, MD
 Irene P. Osborn, MD
 Kristie D. Osteen, MD
 Dr. & Mrs. Charles W. Otto
 Steven L. Outly, MD
 Andranik Ovassapian, MD
 Dr. & Mrs. William D. Owens
 Ahmet & Binnur Ozturk
 Jennifer Pace
 Nathan Pace
 Sarah Paff
 N. U. Pai
 Sheela S. Pai, MD
 T. U. Pai
 Louis Palermo, MD
 Dr. & Mrs. Louis Palermo
 Pamela Palermo
 Craig M. Palmer, MD
 Pratik P. Pandharipande, MD
 Leila Mei Pang, MD
 Tanmay Panigrahi
 Ana Lucia S. Pappas, MD
 John L. Pappas, MD
 Richard Parisi
 Richard E. Park, MD
 C. Lee Parmley, MD
 Srikanth S. Patankar, MD,
 MBBS
 Komal D. Patel, MD, BS,
 MB
 Lalitkumar V. Patel, MD
 Rita M. Patel, MD
 Dr. & Mrs. Kenneth Y.
 Pauker
 Steven R. Pearce, MD
 Ronald G. Pearl, MD, PhD /
 Mary Dunn
 John Pearson
 Robert J. Pease, MD
 Roger J. Pede, MD
 Sarah Pender
 Yong G. Peng, MD
 Pennsylvania Society of
 Anesthesiologists
 Fred Perkins
 Natalie Perov
 Samuel Perov, MD
 Lee S. Perrin, MD
 Mary D. Peterson, MD
 Robyn Peterson
 Patricia H. Petrozza, MD
 Drs. Beverly & James Philip
 James H. Philip, MD
 Tim Phillips
 Merle E. Pickett, MD

P. Gail Pirie, MD
 Jeffrey S. Plagenhoef, MD
 Vita S. Pliskow, MD
 Drs. Ray & Vita Pliskow
 Richard L. Pokorny, MD
 Susan Polk, MD
 Linda S. Polley, MD
 Julia E. Pollock, MD
 Rex N. Ponnudurai, MD
 Keyuri U. Popat, MD
 Wanda M. Popescu, MD
 Jovan Popovic, MD
 Paul W. Post, MD
 Philip Powandra, MD
 David C. Powell, MD
 William H. Powers
 Philip Powondra, MD
 Ashok Pradhan
 Minal Pradhan, MD
 Preferred Physicians
 Medical / PPM
 Information Solutions
 Johnathan L. Pregler, MD
 C. Christopher Pressley, MD
 Lester T. Proctor, III, MD
 Donald S. Prough, MD
 Debra D. Pulley, MD
 Timothy J. Quill, MD
 Jon Edward Quinn, MD
 Edgardo Quintana, MD
 Lawrence E. Rabinowitz,
 MD
 Matthew T. Raddue, MD
 Valentina Radianu, MD
 Vishal Raizada, MD
 Randall R. Ralston, MD
 Mike Ramsay, MD
 Gail I. Randel, MD
 Michele E. Raney, MD
 Jai K. Rangappa
 John A. Rapijeko, DO
 James Rathmell, MD
 Sally R. Raty, MD
 David Ratzman, MD
 Allan P. Reed, MD
 Pericles P. Regas, MD
 Patty Reilly
 Michael B. Reines, MD
 Mark S. Remshak, MD
 Ernesto Resurreccion, MD
 Marilyn A. Resurreccion,
 MD
 Colletta A. Richards, MD
 Michael J. Richardson, MD
 Matthias Ludwig Riess,
 MD, PhD
 Kevin T. Riutort, MD
 H. Douglas Roberts, MD
 Dr. & Mrs. H. Douglas
 Roberts
 Carolyn Robinson
 Tim Robinson
 James L. Robotham, MD
 Hugo A. Rocha, MD
 Joel J. Rock, DO
 Kerry M. Rock, MD
 Rockford Anesthesiologists
 Association, LLC, Dr. W.
 Stephen Minore,
 President

ASA Centennial Contributors *continued*

- Elizabeth Rockoff
Mark A. Rockoff, MD
Cleveland Clinic Division of
Anesthesiology
Alec G. Rooke, MD, PhD
Andrew Rose
Carol E. Rose
Kathleen R. Rosen, MD
Andrew D. Rosenberg, MD
Henry Rosenberg, MD
Michael J. Rosenfeld, MD
Richard W. Rosenquist, MD
Dr. & Mrs. Myer Rosenthal
Brenda Ross
Kirk Rossiter, MD
Patricia A. Roth, MD
John C. Rowlingson, MD
Lawrence J. Roy, MD
Marc Allen Rozner, PhD, MD
Paula J. Rushing, MD
Keith J. Ruskin, MD
Melissa B. Russo, MD
Deborah A. Rusy, MD
Thomas E. Saak, MD
Thiruppathy R. Sabapathy,
DO
Nilda E. Salaman, MD
Satwant K. Samra, MD
Theodore J. Sanford, Jr.,
MD
Alan C. Santos, MD
Constantine D.
Sarantopoulos, MD, PhD,
DEAA
Paul J. Savaryn, MD
Barbara M. Scavone, MD
Paul J. Schaner, MD
Scott A. Schartel, DO
Karen M. Schmidt, DO
Robert Schneider
Catherine L. Scholl, MD
Jens Scholz, MD
John Schorgl
Dr. & Mrs. Mark E.
Schroeder
Susan Schroeder
William Schultz, MD
Abe Schuster, MD
Daniel Schuster
Alan J. Schwartz, MD
Garrison Seale
Peter S. Sebel, MB, PhD
Larry M. Segers, MD
Dag E. Selander
Drs. Joseph & Suzanne
Seltzer
Judith Jurin Semo, PLLC
Tamas Seres, MD
George P. Sessions, MD
Alan D. Sessler, MD
Christoph N. Seubert, MD,
PhD
Mohammad & Mariam
Shahvari
Aryeh Shander, MD
Hariharan Shankar, MD,
MB, BS
Jeffrey L. Shapiro, MD
George Sheffield
Kirk H. Shelley, MD, PhD
- Salwa A. Shenaq, MD
Stanton K. Shernan, MD
Saadia S. Sherwani, MD
Ketan Shevde, MD
Marina Shindell, DO
Linda Shore-Lesserson
Dr. Ben Shwachman & Ms.
Karen Wren-Shwachman
George Silvay, MD, PhD
Jeffrey H. Silverstein, MD
Brett A. Simon, MD, PhD
Michael B. Simon, MD
Eugene P. Sinclair, MD
Harinder P. Singh, MD
Mark A. Singleton, MD
Ashish C. Sinha, MD, PhD
Paul Skaff, MD
Lorrie Skolnik
Nikolaos J. Skubas, MD
Tod B. Sloan, MD, PhD
Alexey V. Slucky, MD
Andrew O. Smith, MD
Gregory E. Smith, MD
Jan D. Smith, MD
Stephen R. Smith, MD
Vrsola Smith
Smiths Medical
Drs. Douglas S. Snyder &
Stephen D. Parker
Society for Ambulatory
Anesthesia
Society for Education in
Anesthesia
Society for Pediatric
Anesthesia
Liberacion L. Soriano, MD
Vitaly D. Soskin, MD, PhD
Kevin G. Spaeth, MD
Kevin L. Speight, MD
Springfield Anesthesia
Service, Inc.
Rob St. John
St. Luke's-Roosevelt
Hospital Center
Jeffrey B. Staack, MD
Gustav E. Staahl, MD
Lauren K. Stanley, MD
Timothy W. Starck, MD
Steve Stark
Norman J. Starr, MD
Randolph H. Steadman, MD
Drs. Peter & Robin
Stedman
Robin B. Stedman, MD
Elizabeth Ann Steele, MD
Susan K. Steim
Gina Steiner
Henrik Steiner, MB, BS
Jeffrey W. Steiner, DO
John E. Steinhaus, MD, PhD
Dr. & Mrs. Francis S.
Stellaccio
John H. Stephenson, MD
Anne E. Hackett, MD &
Russell R. Stewart, MD
Ann C. Still, MD
M. Christine Stock, MD
Natalie M. Stoelting
Robert K. Stoelting, MD
Donald C. Stogsdill, MD
- Sandra L. Stolzy, MD
Jeffrey S. Stuart, MD
Eckehard A.E. Stuth, MD
Naosuke Sugai, MD, PhD
Dr. Naosuke Sugai
Erin A. Sullivan, MD
John T. Sullivan, MD
Norine Sullivan
Dr. & Mrs. R. Lawrence
Sullivan, Jr.
Raymond J. Sullivan, MD
Rohan Sundaralingam, MD
Yung-Fong Sung, MD
SUNY Downstate
Department of
Anesthesiology, James E
Cottrell, MD, Chair
William A. Surber, MD
Santhanam Suresh, MD
Stephen D. Surgenor
Christer Svensen, MD
Steven L. Sween, MD
Christopher E. Swide, MD
Debbie & Neil Swissman
Kassell E. Sykes, Jr, MD
Carl L. Sylvester, Jr, MD
Ronald Szabak, JD, LLM
Carol J. Szarko, MD
Frank J. Szarko, MD
John E. Szweczyk, MD
Peter Szmuk, MD
Joseph W. Szokol, MD
Cynthia Taber, MD
Meghan C. Tadel, MD
Gary E. Takahashi, DO
Ramarao Takkallapalli, MD
Lance A. Talmage, Jr, MD
Rishi Taneja, MD
Caroline Tang
Satyan & Kusuma Tanguturi
Stephen D. D. Tarver, MD
Janice Taurozzi
Dr. & Mrs. Charles Terrell
Barbara Tesnohlidek, MD
Texas Society of
Anesthesiologists
The American Board of
Anesthesiology
The Anesthesia Foundation
The Cleveland Clinic
Department of
Anesthesiology
Leslie C. Thomas, MD
Dr. & Mrs. Mack A. Thomas
Dr. & Mrs. Larry Thompson
Robert Thomsen
Sydney I. Thomson, MD
Daniel M. Thys, MD
David A. Tingley, MD
Richard E. Tirrell, MD
Tirschwell & Loewy, Inc.
Joseph R. Tobin, MD
Mary Lambert Tobin, MD
Rosalie Tocco-Bradley, MD,
PhD
Paloma Toledo, MD
Daniel Tongbai, MD
Haig G. Tozbikian, MD
Dr. & Mrs. Kenneth W.
Travis
- Michael E. Trigg
Ami Trowell
Christiane C. Tsakis, MD
Lawrence C. Tsen, MD
Kenneth J. Tuman
Christopher R. Turner, MD,
PhD, MBA
Rebecca S. Twersky, MD
UCLA Department of
Anesthesiology
UCSF Department of
Anesthesia &
Perioperative Care
Shoichi Uezono, MD
John A. Ulatowski, MD,
PhD, MBA
Benjamin D Unger, MD
University Anesthesia
Services, PLLC
University at Buffalo
Anesthesiology
Department
University of Alabama at
Birmingham- Department
of Anesthesiology
University of Arizona-
Department of
Anesthesiology
University of Chicago -
Dept. of Anesthesia &
Critical Care
University of Chicago
Department of
Anesthesia & Critical
Care, Jeffrey Apfelbaum,
MD, Chair
University of Cincinnati
Department of
Anesthesiology
University of Colorado
University of Florida
Department of
Anesthesiology
University of Miami Miller
School of Medicine
University of Michigan
Department of
Anesthesiology
University of Pennsylvania
Dept of Anesthesiology &
Critical Care
University of Rochester
University of Tennessee
Dept of Anesthesiology
University of Texas - MD
Anderson Cancer Center
University of Utah-
Department of
Anesthesiology
University of Wisconsin -
Department of
Anesthesiology
Dr. & Mrs. Gregory K.
Unruh
UT Southwestern Medical
Center at Dallas -
Anesthesiology
Department
Charles A. Vacanti, MD
Hugo K. Van Aken, MD
- George K. Van Osten, MD
Vanderbilt Department of
Anesthesiology
Mary Ann Vann, MD
Andrea Vannucci, MD
Latta Varyani
Nandlal Varyani, MD
Gurinder M. Vasdev, MD
Susan Vassallo, Boston
Monica S. Vavilala, MD
Ivan A. Velickovie, MD
Susan T. Verghese, MD
Dr. & Mrs. James & Mary
Viapiano
Dr. & Mrs. Hector Vila, Jr.
Anilkumar N. Vinayakan,
MD
Nancy Vinca, MD
Prem K. Vindhya, MD
Virginia Society of
Anesthesiologists
Salvatore G. Vitale, MD
Mark M. Vogelhut, MD
Luba A. Voinov
Martin D. Wagner, MD
David. B. Waisel, MD
Michael C. Wajda, MD
Samuel H. Wald, MD
Jeffrey Waldman, MD
Dirk Wales
Deanna Walker
Thomas F. Walker, MDSC
Elizabeth Wall
Kate Wall
Michael H. Wall, MD
Lee K. Wallace, MD
John L. Waller, MD
Terry Walman, MD
Sarah R. Walton, MD
Daniel D. Wambold, MD
Ellen Y. Wang, MD
Denham S. Ward, MD, PhD
Carol A. Warfield, MD
David O. Warner, MD
Mark A. Warner, MD
Mary Ellen Warner, MD
Travis A. Warner, MD
Julio A. Warren, MD
Thomas L. Warren, MD
Washington State Society
of Anesthesiologists
Washington University
School of Medicine
Christine Waters
Wayne State University
Department of
Anesthesiology
Ted W. Weatherred, MD
Bernd Weber, MD
Mark A. Weech, MD
Dr. & Mrs. Mark Weech
Weill Cornell Medical
College Department of
Anesthesiology
Alexander E. Weingarten,
MD
Steven J. Weisman, MD
Olivier C. Wenker, MD
Western Anesthesiology
Associates, Inc.
- Dr. & Mrs. Bernard V.
Wetchler
Timothy G. Wex, MD
Robert M. Whitcomb, MD
Steven L. Whitehurst, MD
Michael Whiteley
Dr. Dale Wickstom, DO
Anne O. Wilhite, MD
Lorraine P. Willcox, MD
Jo-Anne Taylor Williams, MD
John P. Williams, MD
Karen S. Williams, MD
Robert Williams
Ketis Willie
G. Edwin Wilson, MD
Margaret A. Wilson, MD
Susan K. Wilson, MD
Brett E. Winthrop, MD
Douglas F. Wiseman, MD
Francesca Wiseman
Harvey Woehlck, MD
Paul Wojciechowski
Harry Wong, MD
Dr. Jim Wong
Margaret Wood
Wood Library-Museum of
Anesthesiology
Wood Library-Museum of
Anesthesiology
Robert Woodhams
Brian P. Woods, MD
Byron G. Work
Johnny Wright, MD
Hannah Wunsch, MD
Jeffrey B. Wygodny, MD
Ted Yagmour, MD
Yale University Department
of Anesthesiology
Jay H. Yedlin, MD
Aaron Yezbick, MD
Christopher J. Young, MD
Zdravka D. Zafirova, MD
Behrooz Zahed, MD
Mark Zakowski, MD
Glenn Zaw-Mon, MD
Gerald Zeitlin, MD
Dr. & Mrs. John & Cynthia
Zerwas
Demetri Zestos
Maria M. Zestos
Gary Zhou, MD
John S. Ziegler, MD
Siju Li Zimmerman, MD
Philip J. Zitello, MD
Jonathan R. Zucker, MB,
ChB
Maurice S. Zwass, MD

FAER 2006 Research Grant Recipients

Mentored Research Training Grants



Ian Carroll, MD

Stanford University
Mechanisms of Analgesic Response During IV
Lidocaine Infusions in Neuropathic Pain Patients



Ken Solt, MD,

Massachusetts General Hospital
Modulation of 5-HT_{3A} Receptor Kinetics by Inhaled
Anesthetics



R. Blaine Easley, MD

Johns Hopkins
Molecular Mechanisms of Regional Lung Dysfunction in
Ventilator-Associated Lung Injury
*Co-Sponsors: American Society of Critical Care
Anesthesiologists and Hospira*



James H. Williams, MD

Massachusetts General Hospital
Cortical - Hippocampal Interactions During Propofol
Administration
Co-Sponsor: Association of University Anesthesiologists



Michael P. Kinsky, M.D.

University of Texas Medical Branch Galveston
Pharmacologic Modulation of Fluid Therapy



Markus Klass, MD, PhD

Emory University
Stem Cells for the Treatment of Neuropathic Pain
*Co-Sponsor: American Society of Regional Anesthesia
and Pain Medicine*



Jeffrey Sall, MD, PhD

University of California San Francisco
Volatile Anesthetic Toxicity in Hippocampal Derived
Progenitor Cells
*Co-Sponsor: Society of Neurosurgical Anesthesia and
Critical Care*

Research in Education Grant



Geoffrey K. Lighthall, MD, PhD

Stanford University
Evaluating the Impact of Educational Programs on the
Management of Septic Shock Using Human Patient
Simulation
Co-Sponsor: Society for Education in Anesthesia



Haleh Saadat, MD

Yale University School of Medicine
Implementation and Testing of a Wellness Program
Conducted with Anesthesiology Residents at Yale



Samuel D. Yanofsky, MD

Childrens Hospital Los Angeles
Examination of a Model Curriculum for Teaching the
ACGME Competencies of Professionalism and
Interpersonal and Communication Skills in a Pediatric
Anesthesiology Fellowship

FAER Research Councils

In 2006, each of FAER's four research councils issued requests for applications in identified focus areas.

The Critical Care Research Council sought applications for research funding for basic, translational, patient-oriented, and population-based investigations relevant to all aspects of critical care medicine.

The Geriatrics Research Council requested studies to identify factors associated with or predictive of perioperative complications in geriatric patients. Additional funding is being sought through a grant proposal to the John A. Hartford Foundation.

The Pain Research Council focused its request on two primary areas of interest: Frameworks to evaluate safety, efficacy, competency, and outcomes in patient populations with pain from preclinical to clinical settings and studies in the area of physician education in pain medicine.

The Pediatrics Research Council asked for applications to promote and encourage research in pediatric anesthesia through basic, translational, patient-oriented and population-based investigations. Studies in the biology of anesthesia in the developing organism and studies on the plasticity and

programming associated with anesthesia experienced during development were encouraged.

Applications were evaluated and scored competitively with other FAER grant proposals received. Subsequently, several of the grants funded in 2006 reflect a response to the RFAs. Funded grants included two in critical care, two in pain medicine and one pertinent to both pediatrics and geriatrics. Information regarding FAER grants and application materials may be obtained by visiting the FAER website at <http://faer.org/grants.php>.

FAER Academy of Research Mentors in Anesthesiology

The Academy of Research Mentors in Anesthesiology's objective is to recognize those individuals who through their activities as mentors have contributed importantly to the development and advancement of academic anesthesiologists in the area of research and have promoted the activities of mentoring among others in the specialty, increasing academic research activities promoting the academic image of anesthesiology. During 2006, the Academy elected four new members.

Listed alphabetically. Year indicates the year elected into the Academy.

Paul D. Allen, MD - Brigham & Women's Hospital (2004)
Thomas J. J. Blanck, MD, PhD - New York University (2005)
Zeljko J. Bosnjak, PhD - Medical College of Wisconsin (2005)
Clifford S. Deutschman, MS, MD - University of Pennsylvania (2004)
Roderic G. Eckenhoff, MD - University of Pennsylvania (2004)
James C. Eisenach, MD - Wake Forest Medical Center (2004)
Alex S. Evers, MD - Washington University School of Medicine (2004)*
Simon Gelman, MD, PhD - Brigham & Women's Hospital (2004)*
Rona G. Giffard, MD, PhD - Stanford School of Medicine (2004)
Neil L. Harrison, PhD - Cornell Medical Center (2005)
Carol A. Hirshman, MD - Columbia University (2004)
Quinn H. Hogan, MD - Medical College of Wisconsin (2006)
Roger A. Johns, MD - Johns Hopkins University (2004)
Michael J. Joyner, MD - Mayo Clinic (2006)
John P. Kampine, MD, PhD - Medical College of Wisconsin (2004)*
Judy R. Kersten, MD - Medical College of Wisconsin (2004)
Evan D. Kharasch, MD, PhD - University of Washington (2004)

Paul R. Knight, III, MD, PhD - State University of New York, Buffalo (2005)
Jeevendra Martyn, MD - Brigham & Women's Hospital (2004)
Ronald D. Miller, MD - University of California, San Francisco (2004)*
Mark F. Newman, MD - Duke University Medical Center (2004)
Paul S. Pagel, MD, PhD - Medical College of Wisconsin (2005)
Ronald G. Pearl, MD, PhD - Stanford School of Medicine (2004)*
Debra A. Schwinn, MD - Duke University Medical Center (2004)
Daniel I. Sessler, MD - University of Louisville (2005)
Steven L. Shafer, MD - VA Palo Alto Health Care System (2004)
Brett A. Simon, MD, PhD - Johns Hopkins University (2006)
Michael M. Todd, MD - University of Iowa (2004)
Richard J. Traystman, PhD - Oregon Medical Center (2005)
David C. Warltier, MD - Medical College of Wisconsin (2004)
David O. Warner, MD - Mayo Clinic (2006)
David S. Warner, MD - Duke University Medical Center (2004)
Jeanine P. Wiener-Kronish, MD - University of California, San Francisco (2004)
William L. Young, MD - San Francisco General Hospital (2004)

* Denotes inaugural member.

ASA Committee on Research



Michael K. Cahalan, MD

Michael K. Cahalan, MD (Chair)
Jeffrey Raymond Balsler, MD, PhD
James C. Eisenach, MD
Rona G. Giffard, MD, PhD
Allan Gottschalk, MD, PhD
C. Alvin Head, MD
Thomas K. Henthorn, MD
Robert W. Hurley, MD, PhD
Roger A. Johns, MD
Evan D. Kharasch, MD, PhD
Jeffrey R. Kirsch, MD
Paul R. Knight, III, MD, PhD
Jerrold Lerman, MD
Lawrence Litt, MD, PhD
Thomas P. Malan, Jr., MD, PhD
Ronald G. Pearl, MD, PhD
Beverly K. Philip, MD
James P. Rathmell, MD
Margaret M. Tarpey, MD

FAER Education Study Section



John R. Moyers, MD

John R. Moyers, MD, Chair
Joy L. Hawkins, MD
Michael F. Roizen, MD
Theodore J. Sanford, Jr., MD
Armin Schubert, MD, MBA
Denham S. Ward, Jr., MD

FAER/Abbott-Volwiler & Tabern Resident Scholar Program

The Foundation for Anesthesia Education and Research and Abbott Laboratories joined together to sponsor the FAER/Abbott Volwiler & Tabern Resident Scholar Program held during the 2006 American Society of Anesthesiologists Annual Meeting. Residents attending the four-day conference met and engaged in communication with leaders in the field as well as residents from other institutions. By attending the ASA Annual Meeting early in their career, 60 residents had the opportunity to observe the leadership in Anesthesiology demonstrate the value of the specialty and were encouraged to become involved in the society.

The program kicked off Friday evening with a well-attended welcome reception. Early Saturday morning, attendees were treated to a talk by guest speaker, Robert A. Caplan, MD, Virginia Mason Medical Center, titled "FAER and the Pursuit of Zero-Defects in Healthcare." During the meeting, scholars attended the ASA House of Delegates, FAER Honorary Research Lecture, FAER Panel, a reception in their honor attended by ASA officers and the FAER Board of Directors as well as refresher courses, panels, workshops and other education sessions offered through their attendance at the ASA Annual Meeting.

The Resident Scholar Program, designed to encourage and facilitate the recruitment and retention of dedicated, highly motivated and outstanding professionals in the field of anesthesia research and education, is just one of the ways that FAER strives to meet the needs of the specialty through education and research. For more information regarding the FAER/Abbott Volwiler & Tabern Resident Scholar Program please visit the FAER website at www.faer.org.

"The true gift of time is the time that we give to each other, with some of the most valuable being the time that mentors give to their protégés."

Denham S. Ward, MD, PhD — FAER Board member



FAER Panel

The 2006 FAER Panel “Translating Future Paradigms to Reality: Anesthesia Research and Education in the Next Decade” held on Monday, October 16, at the ASA Annual Meeting in Chicago was well attended. Ronald G. Pearl, MD, PhD, Professor and Chair of Anesthesia, Stanford University Medical Center, Palo Alto, CA, moderated the panel. Panelists were: Charles A. Vacanti, MD, Harvard Medical School and Brigham & Women’s Hospital, “The Use of Stem Cells in Tissue Engineering”; David M. Gaba, MD, Stanford University School of Medicine and VA Palo Alto Health Care System, “The Future of Immersive and Simulation-based Learning”; Kazimierz Babinski, VP Drug Development, PainCeptor Pharma Corporation, “New Approaches to Drug Development”; and Gary Peltz, MD, PhD, Head, Department of Genetics and Genomics, Roche Palo Alto, “Computational Genomics: Toward Understanding Our Drugs and Our Diseases.” Attendees questioned the panel members on evolving paradigms for education in anesthesia, advances in stem cells research, and tissue engineering, new roles for simulation-based learning, and new concepts in the drug discovery process.

The Resident Scholar Program, designed to encourage and facilitate the recruitment and retention of dedicated, highly motivated and outstanding professionals in the field of anesthesia research and education, is just one of the ways that FAER strives to meet the needs of the specialty through education and research. For more information regarding the FAER/Abbott-Volwiler & Tabern Resident Scholar Program please visit the FAER website at www.faer.org.

Corporate Sponsors

Platinum Sponsor (\$50,000 - \$99,999)



Gold Sponsor (\$25,000 - \$49,999)



Silver Sponsor (\$10,000 - \$24,999)



GE Healthcare
Technologies



MERCK

Drägermedical
A Dräger and Siemens Company



Bronze Sponsor (\$5,000 - \$9,999)

Philips Medical Systems
Masimo Corporation

Sponsor (\$1,000 - \$4,999)

Cook Critical Care
Anesthesiology News
B. Braun Medical, Inc
CSZ - Cincinnati Sub-Zero
DocuSys, Inc
King Systems Corporation
Lippincott Williams & Wilkins
Mainline Medical, Inc.
Medical Education Technologies, Inc.
Vital Signs, Inc.
Boehringer Laboratories, Inc

Sixth Annual FAER Honorary Lecture “Calcium: This is Everything”



*Paul D. Allen, MD, PhD
Harvard Medical School, Boston, MA
Brigham and Women’s Hospital*

Paul D. Allen, MD, PhD, Professor of Anesthesia, Harvard Medical School, Boston, MA, Director of Renal Transplant and Vascular Access Anesthesia, Brigham and Women’s Hospital, Director of Urology Anesthesia, Brigham and Women’s Hospital, was chosen as the FAER Sixth Annual Honorary Lecturer. For more than 30 years, Dr. Allen has made novel and important contributions in several areas of basic science investigation, most notably in the area of calcium metabolism of striated muscle.

Fifteen years ago, he began his current focus on the molecular structure-function

relationships of the skeletal muscle calcium release channel (ryanodine receptor, RyR1) and the interaction between RyR1 and the other proteins in the skeletal muscle triad. In this regard he and his colleagues were the first to demonstrate bi-directional signaling between calcium channels in the plasma

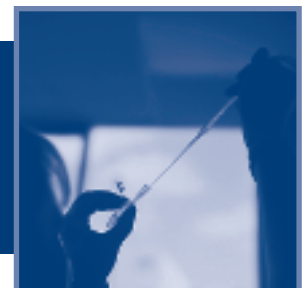
membrane and channels in endoplasmic/sarcoplasmic reticulum, a concept which has now been generalized to many other systems.

Dr. Allen’s contributions to anesthesiology research have been fundamental and extensive. He has more than 150 peer-reviewed publications in our most distinguished journals. He has been consistently funded by the National Institutes of Health for more than 25 years and is currently chairman of an NIH Study Section focused on mentored research grants. Dr. Allen presented the lecture at the 2006 ASA Annual Meeting in Chicago, IL.

*For more than 30 years,
Dr. Allen has made novel and
important contributions
to basic science.*

*“When all is said and done, the advancement of knowledge in anesthesiology
boils down to one thing: improving the lives of our patients.”*

Dr. Joseph & Bonnie Antognini



Individual and Foundation Contributors

\$5,000 and above

Dr. Joseph & Bonnie Antognini
Ronald L. Katz Family Foundation
Gertie F. Marx Private Foundation

\$2,000 - \$4,999

Jared C. Barlow, MD
Joanne M. Conroy, MD
Cynthia Ann Lien, MD
Ronald D. Miller, MD
Srikanth S. Patankar, MD, MBBS
Michael M. Todd, MD

\$1,000 - \$1,999

Suzanne T. Anderson
Associated Anesthesiologists Fund
of The Saint Paul Foundation
Joseph P. Annis, MD
James F. Arens, MD
Arnold J. Berry, MD, MPH
Azmy Boutros, MD
Dr. & Mrs. Robert A. Cordes
James E. Cottrell, MD
Bruce F. Cullen, MD
Donn M. Dennis, MD
James C. Eisenach, MD
Alex S. Evers, MD
Lee A. Fleisher, MD
Henry Fourcade, MD
Simon Gelman, MD, PhD
Mark A. Gerhardt, MD, PhD
D. David Glass, MD
Alan W. Grogono, MD, FRCA
Orin F. Guidry, MD
Steven C. Hall, MD
Alexander A. Hannenberg, MD
Thomas R. Hill, MD
Bradley J. Hindman, MD
Ronald A. Hutchison, MD
Joanne Jene, MD
John P. Kampine, MD, PhD
Sean K. Kennedy, MD
Thomas J. Kunkel, MD & Denise
M. Saker, MD
Lorri A. Lee, MD
Mark J. Lema, MD, PhD
Monte Lichtiger, MD
Philip D. Lumb, MB, BS, FCCM
H. Michael Marsh, MB, BS
M. Jane Matjasko, MD
Kathryn E. McGoldrick, MD
Leslie N. Milde, MD
Charles W. Otto, MD
Ronald G. Pearl, MD, PhD

Kai Rehder, MD
Dr. John & Kathryn Reisinger
Michael F. Roizen, MD
Myer H. Rosenthal, MD
Richard M. Schlobohm, MD
Armin Schubert, MD, MBA
Alan D. Sessler, MD
Sam R. Sharar, MD
Eugene P. Sinclair, MD
M. Christine Stock, MD
Wald Foundation
Shu-Ming Wang, MD
Denham S. Ward, MD, PhD
Drs. Mary Ellen & Mark Warner
Jeanine P. Wiener-Kronish, MD
James R. Zaidan, MD, MBA
Warren M. Zapol, MD

\$500 - \$999

Theodore Alston, MD
Verna L. Baughman, MD
Victor C. Baum, MD
Julien F. Biebuyck, MD, PhD
Thomas J.J. Blanck, MD, PhD
Terrence D. Bogard, MD
Stephen M. Breneman, MD
Joseph J. Buckley, MD
Frederick W. Campbell, III, MD
Dr. & Mrs. Frederick W. Cheney
Joseph F. Cotten, MD, PhD
Dario A. Grisales, MD
John S. Hattox, MD
Drs. Joy L. Hawkins & Randall
Clark
Francis M. James, III, MD
Glenn Johnson
Robert E. Johnstone, MD
Patricia A. Kapur, MD
Tom C. Krejcie, MD
Francis X. McGowan, MD
Sathyendra Mysore, MD
Christina M. Pabelick, MD
Jessica Anne Palumbo, MD
Duane K. Rorie, MD, PhD
Steven Roth, MD
Vaclovas Saulys, MD
Franklin L. Scamman, MD
Debra A. Schwinn, MD
Brett A. Simon, MD, PhD
Robert N. Sladen, MD
Liberacion L. Soriano, MD
Margaret M. Tarpey, MD
Ellen and Butch Thomas
John H. Tinker, MD
Cynthia A. Wong, MD

Christopher L. Wu, MD
Thomas K. Yue, MD

\$200 - \$499

Sherif M. Afifi, MD
Richard P. Albertson, MD
Maria C. Alvarado, MD
Solomon Aronson, MD
Douglas R. Bacon, MD, MA
Stephen P. Bailey, MD
Robert F. Bedford, MD
George C. Bell, MD
Joseph C. Belshe, MD
Honorio T. Benzon, MD
Simon C. Body, MB, BS
Amanda R. Burden, MD
Edgar D. Canada, MD
Mark T. Chen, DO
Marlene V. Chua, MD
David J. Clark, MD, PhD
Dominic Joseph Cottrell, MD
Donald G. Crino, MD
Gregory J. Crosby, MD
David A. Cross, MD & Marcia
Cross
Marilyn K. Dearmond, MD
Jayant K. Deshpande, MD
Thomas J. Ebert, MD, PhD
Roderic G. Eckenhoff, MD
Steven B. Edelstein, MD
Jan Ehrenwerth, MD
Jay S. Ellis, MD
John E. Ellis, MD
Christin L. Engelhardt
James C. Erickson, III, MD
Cynthia A. Ferris, MD
Peggy Prince Finn
Jane C. K. Fitch, MD
Pamela Flood-Radoslovich, MD
Stuart A. Forman, MD, PhD
James S. Gessner, MD
Rona G. Giffard, MD, PhD
Hugh C. Gilbert, MD
Peter A. Goldstein, MD
Jerry M. Gonzales, MD
James D. Grant, MD
Nathan D. Grunewald
Howard E. Hudson, Jr., MD
Eric M. Humphreys, MD
Jacob Israel, MD
Betty Lou Koffel, MD
Erwin Lear, MD
Catherine K. Lineberger, MD
Roger W. Litwiller, MD
Gary E. Loyd, MD
Gregory B. McComas, MD

LeRoy Misuraca, MD
Emerson Amos Moffitt, MD
Timothy J. Ness, MD, PhD
Huong L. Nguyen, MD
William C. North, MD
L. Charles Novak, MD
Fredrick K. Orkin, MD
Jerome Parness, MD, PhD
Mukesh Patel, MD
John C. Payne, MD
Donald S. Prough, MD
Michael A. Ramsay, MB, BS
H. Douglas Roberts, MD
Henry Rosenberg, MD
Carl Rosow, MD
Joseph Victor Ryckman, MD
Howard Schapiro and Jan Carroll
James C. Scott, MD
Michael Scott, Esq
Larry M. Segers, MD
John W. Severinghaus, MD
Robert E. Shangraw, MD
Chetan R. Shukla, MD
Jeffrey H. Silverstein, MD
Kirsten Johannsen Simanonok,
MD
Richard M. Smiley, MD
Jan D. Smith, MD
Joseph W. Szokol, MD
Mack A. Thomas, MD
Evan J. Tilley, MD
Susan A. Vassallo, MD
Don Weber, MD
David M. Wheeler, MD, PhD
Lawrence I. Young, MD
John A. Youngberg, MD
Robert K. Yun, MD

\$100 - \$199

Raed Abdullah, MD
Gregory C. Allen, MD
Corrie T. M. Anderson, MD
Richard R. Bartkowski, MD
Karl E. Becker, MD
Alex Bekker, MD
Elliott Bennett Guerrero, MD
Richard A. Berkowitz, MD
Mitchell F. Berman, MD
Ziya Bilen, MD
Denise R. Bogard, MD
Mark D. Brady, MD
Caridad Bravo-Fernandez, MD
E. Jane Brock, DO
D. Robert Buechel, Sr, MD
William P. Bundschuh, MD

Individual and Foundation Contributors *continued*

Michael K. Cahalan, MD
Jason A. Campagna, MD, PhD
James W. Chapin, MD
Lillian K. Chen, MD
May L. Chin, MD
Ian L. Cohen, MD
Stephen C. Cotton, MD
Dr. & Mrs. Jon & Wanda Cowan
Eric R. Davies, MD
Flynn J. Delaney
Oscar A. Deleon-Casasola, MD
Edmond I. Eger, II, MD
John H. Eisenach, MD
Robert M. Epstein, MD
Thomas R. Farrell, MD
Victor A. Filadora, II, MD
Robert F. Finegan, MD
James H. Fitzpatrick, Jr, MD
Maribel P. Galiano-Goll, MD
Lynn D. George, MD
Timothy B. Gilbert, MD
Ian J. Gilmour, MD
Gina M. Glick, MD
Richard J. Gnaedinger, MD
John L. Gordon, MD
Geordie P. Grant, MD
Juan-Diego Harris, MD
William H. Hass, MD, MBA
Stephen O. Heard, MD
James G. Hecker, MD, PhD
Peter L. Hendricks, MD
Julius S. Heyman, MD, PhD
James S. Hicks, MD
Norman R. Hillmer, MD
Patsy Hedges, MD & David Holder,
MD
Barbel Holtmann, MD
Jonas S. Johansson, MD, PhD
Kenward B. Johnson, MD

Paul R. Johnson, MD
Henry C. Johnston, MB
Gopal Krishna, MD
Edward T. Kuklenski, MD
Patrick J. Lawler, MD
Li Li, MD
Susan R. Lisman, MD
Mirjana Lovrincecic, MD
Arganey L. Lucas, Jr., MD
Rajendra H. Majithia, MD
Alan P. Marco, MD
Jonathan B. Mark, MD
James Mathis, MD
Elizabeth McClintick, MD
John McGee, MD
Pearl G. McNall, MD
Keith W. Miller, PhD
Roger A. Moore, MD
Carlos L. Moreno, MD
Dolores B. Njoku, MD
Kathleen A. O'Leary, MD
Louis R. Orkin, MD
Andranik Ovassapian, MD
Carmelita S. Pablo, MD
Mansukhlal G. Padalia, MD
Robert A. Peterfreund, MD, PhD
Dianne M. Peters-Koren, MD
Patricia H. Petrozza, MD
Beverly K. Philip, MD
James H. Philip, MD
Richard C. Prielipp, MD
Debra D. Pulley, MD
Douglas E. Raines, MD
Maunak Rana, MD
Steven R. Rettke, MD
R. S. Richards, MD
Valerie Rigual, MD
Kevin W. Roberts, MD
Marc Allen Rozner, PhD, MD

Paul J. Savaryn, MD
Mary M. Schrandt, MAOM
John F. Schweiss, MD
Joseph L. Seltzer, MD
Jay H. Shapiro, MD
Mark A. Singleton, MD
Andrew O. Smith, MD
Gautam M. Sreeram, MD
Norman J. Starr, MD
John E. Steinhaus, MD
C. Ronald Stephen, MD
Shepard B. Stone, MD
Jian-Zhong Sun, MD, PhD
David E. Swanson, MD
Robert C. Tick, MD
Norbert Topf, MD
Takeko Morishima Toyama, MD
Christiane C. Tsakis, MD
Carlos Villalobos, MD
Thomas F. Walker, MDSC
David C. Warltier, MD
Thomas L. Warren, MD
Barbara Waud, MD
Scott Whitehouse, MD
Richard A. Wiklund, MD
James H. Williams, MD, PhD
Edward A. Yaghmour, MD
Anthony T. Yarussi, MD
Myron Yaster, MD
Gerald L. Zeitlin, MD
Michael P. Zygmunt, MD

Up to \$99

Melanie Jeanne Alo, MD
Brad Bernstein, MD
Russell E. Biggs, MD
Robert W. Brandt, MD
Ruth E. Burstrom, MD
Peter J.S. Cannon, MD

Wilbur F. Cant, MD
Juan P. Cata, MD
John C. Chatelain, MD
Richard B. Clark, MD
Jonathan T. Clarke, MD
David M. Clement, MD
Harry Cohen, MD
Mark D'Agostino, MD
Jay S. DeVore, MD
Lawrence D. Egbert, MD
Paul J. Fatum, MD
John F. Geiser, MD
Jonathan Griswold, MD, MS
Betty Grundy, MD
John A. Hamel, V, MD
Harriet A. Hamer, MD
John A. Jenicek, MD
Suzanne B. Karan, MD
Joannes H. Karis, MD
Max Kelz, MD, PhD
Eugene J. Kim, MD
Wei C. Lau, MD
Karen S. Lindeman, MD
Joseph L. Manley, MD
Patrick McCoy, MD
Trevor P. Myers, MD
Patrick D. Odom, MD
Barbara Ann Page, MD
Richard L. Pokorny, MD
Christine S. Rinder, MD
Jonathan M. Shagrin, MD
Zhanqing Shen, MD
Shelly R. Stelzer, MD, LLC
Otis P. Tibbetts, MD
Terrance T. Ursetta, MD
Alexander E. Weingarten, MD
Robert L. Willenkin, MD
E. Lynne Williams, MD

FAER Luncheon

The FAER Luncheon is held each year during the American Society of Anesthesiologists' Annual meeting and is an opportunity for FAER to express our appreciation to individual and corporate sponsors for their support and to strengthen industry relations with FAER, ASA and subspecialty leadership and recent grant recipients. Speakers at the 2006 luncheon were as follows: Mark J. Lema, M.D., Ph.D., ASA First Vice-President, Chair, Roswell Park/University at Buffalo, SUNY led the discussion. Panelists were Evan D.

Kharasch, M.D., Ph.D., Professor and Director, Division of Clinical and Translational Research, Washington University, St. Louis, MO — "Omes and Omics: Potential Impact on Anesthesiology Practice", and Mark A. Warner, M.D., Professor of Anesthesiology, Mayo Clinic College of Medicine, Rochester, MN, "Minimally or Non-invasive Procedures in the Near Future: How They May Impact Anesthesiology Practices".

Memorial

Melanie Jeanne Alo, MD, in memory of Betty Stephenson, MD
James F. Arens, MD, in memory of Betty Stephenson, MD
George C. Bell, MD, in memory of Leroy D. Vandam, MD
Marlene V. Chua, MD, in memory of Kentaro Tsueda, MD
Greater Cincinnati Society of Anesthesiologists,
in memory of Thomas Hunt Joyce, MD
Richard B. Clark, MD, in memory of Gerald A. Burger, MD
James E. Cottrell, MD, in memory of Ms. Marlene Larson
James S. Gessner, MD, in memory of Leroy D. Vandam, MD
John L. Gordon, MD, in memory of Warren Fieber, MD
Dario A. Grisales, MD, in memory of Pedro E. Caicedo
Norman R. Hillmer, MD, in memory of Frances F. Foldes, MD
Jacob Israel, MD, in memory of Leroy D. Vandam & Henrix H. Bendixen
Jacob Israel, MD, in memory of Nicholas M. Greene, MD
Francis M. James, III, MD, in memory of Gertie Marx, MD
Jeffrey S. Lee, MD, in memory of Nicholas M. Greene, MD
Arganey L. Lucas, Jr., MD, in memory of Margaret A. Lucas, CRNA
Jonathan B. Mark, MD, in memory of Leroy D. Vandam, MD
Pearl G. McNall, MD, in memory of Ms. Jean Ciccarelli
Pearl G. McNall, MD, in memory of Veronica Arthurs Miser, CRNA
Pearl G. McNall, MD, in memory of John Edwards, MD
Emerson Amos Moffitt, MD, in memory of Edward Paul Didier, MD
Emerson Amos Moffitt, MD, in memory of J. Tom Martin, MD
Frank Moya Charitable Foundation, Inc.,
in memory of Leroy D. Vandam, MD
Fredrick K. Orkin, MD, in memory of Garfield Russell, MD,
Leroy Vandam, MD & Henry Rosenberg, MD
Carmelita S. Pablo, MD, in memory of Gil E. Pablo, MD
Joseph Victor Ryckman, MD, in memory of Giorgio G. Zanettin, MD
Eugene P. Sinclair, MD, in memory of John W. Temple, MD
Jan D. Smith, MD, in memory of Leroy D. Vandam, MD
Liberacion L. Soriano, MD, in memory of Ruby Padolina, MD
Texas Society of Anesthesiologists, in memory of John Buchanan, MD
Texas Society of Anesthesiologists,
in memory of Don Carlos Duplan, MD
Takeko Morishima Toyama, MD, in memory of Leroy D. Vandam, MD

Honoraria

Ambulatory Medical Anesthesia, honorarium for Jared C. Barlow, MD
HBS Consulting US, Inc., honorarium for Robert L. Willenkin, MD
Stephen Vincent Hall, MD, honorarium for Charles W. Otto, MD
Iowa Society of Anesthesiologists, honorarium for Jeffrey Apfelbaum, MD
Iowa Society of Anesthesiologists,
honorarium for Jeffrey Apfelbaum, MD & Michael Todd, MD
Iowa Society of Anesthesiologists, honorarium for Michael M. Todd, MD
Indiana Society of Anesthesiologists,
honorarium for Mark J. Lema, MD, PhD
John W. Kinsinger, MD, honorarium for Mark J. Lema, MD, PhD
Michael H. Mendeszoon, MD, honorarium
New England Society of Anesthesiologists, Inc.,
honorarium for Charles W. Otto, MD
Oklahoma Society of Anesthesiologists,
honorarium for Mark J. Lema, MD, PhD
Robert L. Willenkin, MD, honorarium

In Honor

Gregory C. Allen, MD, in honor of W. Bosseau Murray, MB, PhD
Anesthesia Associates of Westerly, in honor of Fang P. Su, MD
Anesthesia Associates of Westerly, in honor of Shih-Hui Tien, MD
Julien F. Biebuyck, MD, PhD, in honor of Warren M. Zapol, MD
Ziya Bilen, MD, in honor of Mark J. Lema, MD, PhD
Jason A. Campagna, MD, PhD, in honor of Warren M. Zapol, MD
Ian L. Cohen, MD, in honor of Mark J. Lema, MD, PhD
Mark D'Agostino, MD, in honor of John Patrick O'Gara, MD
Flynn J. Delaney in honor of Chin-Fu Fan, MD
Oscar A. Deleon-Casasola, MD, in honor of Mark J. Lema, MD,
PhD
Departments of Anesthesia, Pain Medicine and Critical Care at
Roswell Park Cancer Institute, in honor of Mark J. Lema, MD,
PhD
Christin L. Engelhardt, in honor of Douglas Merrill, MD
Christin L. Engelhardt, in honor of Eugene Viscusi, MD
Robert M. Epstein, MD, in honor of Sara C. Miller
Victor A. Filadora, II, MD, in honor of Mark J. Lema, MD, PhD
Peggy Prince Finn, in honor of Orin F. Guidry, MD
Jonathan Griswold, MD, MS, in honor of Jeffrey B. Cooper, PhD
Juan-Diego Harris, MD, in honor of Mark J. Lema, MD, PhD
Julius S. Heyman, MD, PhD, in honor of Frank Porreca, PhD
Dorothy M. Holtz, in honor of Mark J. Lema, MD, PhD
Betty Lou Koffel, MD, in honor of Martin Helrich, MD
Li Li, MD, in honor of Mark J. Lema, MD, PhD
Susan R. Lisman, MD, in honor of Alexander A. Hannenberg, MD
Mirjana Lovrinevic, MD, in honor of Mark J. Lema, MD, PhD
Elizabeth McClintick, MD, in honor of Mark J. Lema, MD, PhD
Leslie N. Milde, MD, in honor of John W. Severinghaus, MD
Trevor P. Myers, MD, in honor of Michael Chaikind, MD
John B. Neeld, Jr, MD, PC in honor of Orin Guidry, MD
New York State Society of Anesthesiologists,
in honor of Scott B. Groudine, MD
New York State Society of Anesthesiologists,
in honor of Michael H. Mendeszoon, MD
Kathleen A. O'Leary, MD, in honor of Mark J. Lema, MD, PhD
Fredrick K. Orkin, MD, in honor of Henry Rosenberg, MD
Jerome Parness, MD, PhD, in honor of Alan D. Sessler, MD
John C. Payne, MD, in honor of Thomas MacNamara, MD
Nancy Peavey, in honor of Fang P. Su, MD & Shih-Hui Tien, MD
Dianne M. Peters-Koren, MD, in honor of Mark J. Lema, MD, PhD
Patricia H. Petrozza, MD, in honor of M. Jane Matjasko, MD
Valerie Rigual, MD, in honor of Mark J. Lema, MD, PhD
H. Douglas Roberts, MD, in honor of Marion A. Carnes, MD
Paul J. Savaryn, MD, in honor of Denis Cuka, MD
Debra A. Schwinn, MD, in honor of J. Gerald Reves, MD
Richard M. Schlobohm, MD, in honor of Lucien E. Morris, MD
Sam R. Sharar, MD, in honor of Bruce F. Cullen, MD
Robert C. Tick, MD, in honor of Mark J. Lema, MD, PhD
Terrance T. Ursetta, MD, in honor of Mary Lou Butterworthy, DO
Thomas L. Warren, MD, in honor of Dave Shantha, MD
Paul H. Willoughby, MD, in honor of Scott B. Groudine, MD
Anthony T. Yarussi, MD, in honor of Mark J. Lema, MD, PhD
Lawrence I. Young, MD, in honor of Helen Misenheimer, PhD
Gerald L. Zeitlin, MD, in honor of David Zuck, MD
University at Buffalo Anesthesiology, Inc. in honor of Mark J.
Lema, MD, PhD

FAER Medical Student Anesthesia Research Fellowship Program:

Beginning A Pathway to Research Excellence



*Curtis E. Hightower, DVM, MD
Assistant Professor of Anesthesiology
Department of Anesthesiology and Pain Medicine
M. D. Anderson Cancer Center
Houston, TX*

The FAER Medical Student Anesthesia Research Fellowship Program is an excellent means of providing motivated medical students with the opportunity to participate in anesthesia generated clinical and basic science research projects. This article describes M. D. Anderson Cancer Center's experience from this mentor's point of view.

Our first experience as a host institution was summer 2006, and we thoroughly enjoyed the experience. The research fellowship program brought Yi-chun Liu, otherwise known as "Carol," to our lab from Drexel University College of Medicine, Philadelphia, PA. Carol was a welcome addition in our labs—as one of the staff stated, she was awesome! Carol was involved with research design and methodology, data analysis, data interpretation, and the writing of an abstract, which she subsequently presented during the FAER presentations at the American Society of Anesthesiologists Annual Meeting in October 2006. As a host institution, the greatest benefit the program provided us was Carol's participation as a member of our team for the summer. Her enthusiasm and genuine interest furthered our research efforts and made a lasting impression on both the research team and patients with whom Carol came in contact. In turn, the summer opportunity provided Carol with direct patient care and introduced her to the research environment in our lab at M. D. Anderson Cancer Center.

"The FAER MSARF program has the potential to play an important role in the future of anesthesia research."

The FAER MSARF Program has the potential to play an important role in the future of anesthesia research. The introduction of medical students to anesthesia research projects prior to residency training can result in anesthesia residents entering training programs with committed investigative interests. Anesthesia residents committed to investigative interests will prompt residency and fellowship

training programs to develop more effective and efficient methods of training future anesthesia investigators. As these investigators mature, developing into mentors, they will repeat the cycle of developing new and efficient means of educating and training future anesthesia investigators.

The pursuit of excellence in research is a never ending endeavor. The start of the pursuit of excellence in research may begin as a participant in the FAER MSARF program. We support and anticipate continuing participation in the FAER program.

The FAER Medical Student Anesthesia Research Fellowship Program is supported in part by grants from Merck & Company, Inc. and the Ronald L. Katz Family Foundation.



Medical Student Anesthesia Research Fellowship: Making Scientists Out of Students

Alexander A. Hannenberg, MD
 Chair, FAER Medical Student Anesthesia Research Fellowship Program

FAER is committed to attracting scientific talent to academic anesthesiology. One of the ways the Foundation accomplishes this important task is through FAER's Medical Student Anesthesia Research Fellowship program. The program provides support to both medical students and host departments for 8 to 12 weeks of anesthesia-related research experience. FAER hopes that an exposure to the specialty early in the career of medical students will encourage future pursuit of research in anesthesiology and perioperative medicine.

In summer 2005 and 2006, FAER offered stipend support for students enrolled in 8- to 12- week, full-time research preceptorships in anesthesiology departments across the nation. We sought interest from anesthesia departments and identified more than 25 host departments ready to mentor a student fellow in an ongoing basic science or clinical research project. In many cases, the FAER application process stimulated the discovery of local summer research funding within the medical school. For students serving their fellowship locally, FAER served as "matchmaker." Students leaving their home university typically required external funding for their research fellowship and FAER's program made this possible.

Summary of FAER Student Fellowship Activity

	Applications	Available Sites	FAER funded	Host Funded	Total Fellows
2005	67	32	14	1	15
2006	56	27	9	8	17

The fellowship requires 15% clinical anesthesiology experience to ensure that the preceptorship is not only "research" but distinctly "anesthesiology." The grant includes travel support for students to present a synopsis of their research experience at a student seminar during the ASA Annual Meeting. This session, moderated by Dr. Donn Dennis (University of Florida), showcases the

student experience, allows them to become acquainted with one another and to meet some genuine giants of academic anesthesiology while attending the premier anesthesia conference in the world. In 2005 and 2006, nearly all the student fellows traveled to the ASA Annual Meeting for this session.

2 FAER received support for the 2006 program from Merck & Co. and the Ronald L. Katz Family Foundation.

2006 MSARF Participants

Name	Medical School	Host Department
Ms. Surbhi Bansal	University of Buffalo	Emory University*
Mr. Pavan Bhatraju	Louisville	Cleveland Clinic-OUTCOMES RESEARCH*
Ms. Zinaida Chepurny	New York University	Yale
Mr. Benjamin Cho	Michigan State University	Weill Medical College of Cornell University
Ms. Kathryn Hawrylyshyn	University of Toronto	Duke University
Ms. Leslie Herrmann	Brown	Yale*
Mr. Bradley Hewlett	Rush Medical College	Northwestern*
Mr. Thuan Le	University of Maryland	Stanford University*
Ms. Yi-chun (Carol) Liu	Drexel University College of Medicine	University of Texas- MD Anderson Cancer Center
Mr. Daniel Mason	Eastern Virginia Medical School	University of California- San Francisco
Mr. David Nguyen	University of Iowa	University of California- Irvine
Ms. Sarah Rich	Indiana University School of Medicine	University of Colorado- Denver Health Sciences Center
Mr. Alexander Siegel	University of Maryland	University of Maryland*
Mr. Jonathan Tan	SUNY- Stony Brook	Stanford University
Mr. Paul Weyker	University of Wisconsin School of Medicine and Public Health	Medical College of Wisconsin
Mr. Jason Woo	University of Chicago	University of Chicago*
Mr. Jeffery Young	Medical College of Wisconsin	Medical College of Wisconsin*

*Host department supported

Subspecialty Society Contributors

Founding Sponsors (\$1,500,000)



ASCCA/Hospira Award Sponsor (\$75,000)



Grand Sponsor (\$25,000 – \$50,000)



Sustaining Sponsor (\$10,000 - \$24,999)

Society for Obstetric Anesthesia and Perinatology

Contributing Sponsor (\$5,000 - \$9,999)

Association of Midwest Academic Anesthesia Chairs

Sponsors I (\$2,000 - \$4,999)

Academy of Anesthesiology

Association of Anesthesiology Program Directors

Society of Academic Anesthesiology Chairs

State Component Societies

Arizona Society of Anesthesiologists
Bay Area Society of Anesthesiologists, Inc.
California Society of Anesthesiologists
Connecticut State Society of Anesthesiologists
Florida Society of Anesthesiologists
Georgia Society of Anesthesiologists, Inc.
Greater Atlanta Society of Anesthesiologists
Greater Cincinnati Society of Anesthesiologists
Illinois Society of Anesthesiologists
Indiana Society of Anesthesiologists
Iowa Society of Anesthesiologists
Kansas State Society of Anesthesiologists
Kentucky Society of Anesthesiologists
Maine Society of Anesthesiologists
Maryland Society of Anesthesiologists
Massachusetts Society of Anesthesiologists
Michigan Society of Anesthesiologists
Minnesota Society of Anesthesiologists
Missouri Society of Anesthesiologists
Montana Society of Anesthesiologists
Nebraska Society of Anesthesiologists
New England Society of Anesthesiologists, Inc.
New Hampshire Society of Anesthesiologists
New Jersey State Society of Anesthesiologists
New Mexico Society of Anesthesiologists
New York State Society of Anesthesiologists
North Carolina Society of Anesthesiologists
Ohio Society of Anesthesiologists
Oklahoma Society of Anesthesiologists
Oregon Society of Anesthesiologists, Inc.
Pennsylvania Society of Anesthesiologists
South Carolina Society of Anesthesiologists
South Dakota Society of Anesthesiologists
Tennessee Society of Anesthesiologists
Texas Society of Anesthesiologists
Utah State Society of Anesthesiologists
Vermont Society of Anesthesiologists
Virginia Society of Anesthesiologists
Washington State Society of Anesthesiologists
West Virginia State Society of Anesthesiologists
Wisconsin Society of Anesthesiologists



FAER's Role in Obtaining Dedicated Research Time: *A Chair's Perspective*

John P. Kampine, MD, PhD

Professor – Anesthesiology

Professor – Physiology

Department of Anesthesiology

Medical College of Wisconsin - Milwaukee

As I review my 26 years as Chairman and 40 years as a faculty member in Anesthesiology and Physiology, I believe a number of things were important in the development of research in the anesthesiology department. During the first five years, while trying to balance time for research with clinical and teaching responsibilities, I faced the usual struggle for research time. Strong insistence on dedicated time produced the desired effect in the development of a research program. Initially, the core group consisted of dedicated MDs, MD/PhDs, and PhD basic scientists. Some of them were beyond the need for mentoring, since they either were or rapidly became National Institutes of Health funded. However, starter grants and career development funds from the NIH, the Veterans Administration and FAER importantly contributed to career advancement of many research-oriented clinical faculty in the department.

The following two to six years of research efforts were spent developing a broader approach to research in areas beyond our beginning and continuing strength, cardiovascular research. In addition to the development of clinical areas, a focus on the neurosciences, the control of breathing and pain research developed. As a mentor I received great pleasure in witnessing a significant number of mentees in turn mentoring others. They completed residency and fellowship training with successful development of research activities that led to extramural funding of their activities. FAER played an important role in the career development, academic advancement and subsequent continued funding of their research by the NIH, National Science Foundation, VA and other national organizations.

The subsequent 15 years were very productive for FAER grantees in terms of success in their pursuit of NIH and VA funding and grant renewals. During this time, 10 faculty members received initial funds for research

through FAER. Of these, eight were able to subsequently obtain NIH funding for their research efforts. FAER funding was important in helping these individual in their career development; it provided protected time for research at a stage in their careers when it was most important to them. All but one remain in the department; seven have academic ranks of Professor and three are Associate Professors. Each has contributed to the research efforts of residents and fellows and, with other research-oriented senior faculty, will likely be responsible in continuing the development of future research oriented young faculty at the early stages of their career development. FAER's role has become increasingly important during this time of difficulty in obtaining NIH RO1 initial grants and renewals. A great deal of supporting evidence exists not only in my department but also other departments where FAER has played an important role in the development of research-oriented academic careers.

The past 46 years have been a time of extreme satisfaction for this retired chairman, both in terms of the development of research in our department and the important role of FAER in this process in our and many other academic anesthesiology departments. FAER has supplied starter grants and now also supports mentored career training grants. The Mentored Research Training Grant provides funding for the applicant and also for the mentor to support the mentors' salaries for time outside the operating room or other clinical activities. The MRTG provides a wonderful opportunity for mentors to gain funded research time. It strengthens the mentor's ability to dedicate time with mentees in educational and research pursuits and also the kind of support that is critical to career development.

FAER Former Directors

- S. Craighead Alexander, MD (1987-1992) *
University of Wisconsin
- Paul G. Barash, MD (1994-1999)
Yale-New Haven Hospital
- Julien F. Biebuyck, MB, DPhil (1993-1997) *
Pennsylvania State University
- Harry H. Bird, MD (1989-1991) +
Dartmouth-Hitchcock Medical Center
- Phillip O. Bridenbaugh, MD (1992-1994) +
University of Cincinnati
- G. W. N. Eggers, Jr., MD (1988-1990) +
University of Missouri
- Norig Ellison, MD (1990-1992) +
University of Pennsylvania
- Shirley A. Graves, MD (1996-2003)
University of Florida
- Gerald A. Gronert, MD (1987-1992)
University of California, Davis
- William K. Hamilton, MD (1987-1992) *
University of California, San Francisco
- Carl C. Hug, Jr., MD, PhD
Emory University
- Allen I. Hyman, MD (1993-1994)
College of Physicians & Surgeons
of Columbia University
- Francis M. James, III, MD (1992-1998)
Wake Forest University School of
Medicine
- Patricia A. Kapur, MD (1987-1994)
University of California, Los Angeles
- Noel W. Lawson, MD (1992-1993)
University of Missouri-Columbia
- David E. Longnecker, MD (1994)
University of Pennsylvania
- M. Jane Matjasko, MD (1992-1998)
University of Maryland
- Aubrey Maze, M.B. (1994 - 1997)
Valley Anesthesia Consultants, Phoenix,
Arizona
- Richard I. Mazze, MD (1987-1989)
Stanford University
- Edward D. Miller, Jr., MD (1987-1994) *
Johns Hopkins University
- William D. Owens, MD (1991-1995) +
Washington University
- Michael F. Roizen, MD (1987-1993) *
SUNY Upstate Medical University
- John J. Savarese, MD (2000-2003)
Cornell Medical Center
- Alan D. Sessler, MD (1987-1993) *
Mayo Clinic
- Donald R. Stanski, MD (1987-1993)
Stanford University
- Robert K. Stoelting, MD (1995-1997)
Indiana University
- Kevin K. Tremper, MD (1998-2001)
University of Michigan
- Melville Q. Wyche, Jr., MD (1996- 2000)
Howard University
- * Served as Deans, + Served as ASA President

Private Practice Group and Anesthesiology Department Sponsors

\$1,000 and above

Anesthesia Association of Morristown
Anesthesia Consultants Medical Group, PC
Children's Hospital Medical Center Anesthesia
Foundation
Northside Anesthesiology Consultants, LLC
Springfield Anesthesia Services
USCAN Anesthesia Medical Group, Inc.

Up to \$999

Adirondack Anesthesia Services, PC
Anesthesia Associates of Westerly
Anesthesia Care Specialists
Anesthesia Services, PA
Capitol Anesthesiology Association
Griffin Anesthesia Associates, PC
Magic Valley Anesthesia
New England Medical Center
Prostat Anesthesia Advisors
Rockdale Anesthesia Services
Southern Pain and Anesthesia Consultants
Southern Tier Anesthesiologists, PC
University at Buffalo Anesthesiology, Inc.
VA Puget Sound Health Care System



“Foundations can help research efforts by increasing funds for fundamental research projects and early-stage applied research that is not sufficiently developed to attract industry funding.”

Joanne Conroy, MD — FAER Board member



“The real gift of time is the one we give every day when we take time to impart to students, residents and colleagues a sense of the duty that we have as physicians.”

*Denham S. Ward, MD, PhD
— FAER Board Member*

FOUNDATION FOR ANESTHESIA EDUCATION AND RESEARCH

Comparative Balance Sheet

Unaudited

Fiscal Years Ending December 31, 2005 and December 31, 2006

Audited reports are available upon request.

	2006	2005
ASSETS		
Cash	\$343,355	\$175,049
Treasury bills and CD's	\$-	\$200,300
Pledge Receivable	\$66,693	\$-
Investments		
Investment Fund (at cost)	\$15,488,171	\$15,153,008
Unrealized Gain (Loss)	\$3,745,480	\$3,147,530
Investment Fund (at market value)	\$19,233,651	\$18,300,538
Fixed Assets-net	\$9,317	\$15,669
Prepaid Expenses	\$-	\$-
Total Assets	\$19,653,016	\$18,691,556
LIABILITIES		
Accounts Payable	\$10,446	\$19,785
Net Assets as of Dec 31, prior year	\$10,721	\$1,262,805
Student Scholarship	\$85,693	\$-
GM Fellowship	\$412,983	\$396,079
Contingent Grant	\$17,914	\$17,878
Centennial Celebration	\$236,045	\$399,062
Centennial Contribution	\$24,362	\$16,197
Bond Unrealized Gain (Loss)	\$-	\$-
Bond Accrued Interest Income	\$-	\$-
Endowment		
Balance, as of Dec 31, prior year	\$14,117,199	\$13,272,109
Contributions	\$43,002	\$382,239
Investment Income	\$529,358	\$425,575
Gain (Loss) on Sale of Securities	\$312,211	\$590,796
Management Fees	\$(83,090)	\$(146,462)
Accrued Interest Income	\$156,509	\$157,046
Unrealized Gain (Loss) in Securities	\$3,745,480	\$3,147,530
Total Endowment	\$18,820,668	\$17,828,833
Income Over (Under) Expenditures	\$34,183	\$(1,249,083)
Total Liabilities and Fund Balance	\$19,653,016	\$18,691,556



*“For the individual,
time invested in mentoring
can result in some of the
most rewarding experiences
of one’s career.”*

*Brett A. Simon, MD, PhD
— FAER Board Member*

FOUNDATION FOR ANESTHESIA EDUCATION AND RESEARCH

Comparative Income and Expense Statement

Unaudited

Fiscal Years Ending December 31, 2005 and December 31, 2006

Audited reports are available upon request.

	2006	2005
INCOME		
Contributions		
American Society of Anesthesiologists	\$1,500,000	\$1,050,000
Corporations	\$480,000	\$256,200
Specialty Societies	\$241,000	\$246,500
Component Societies	\$75,335	\$79,130
Individuals	\$143,723	\$413,900
Practice Groups	\$16,549	\$1,500
Foundations	\$6,300	\$50,800
Fundraising Events	\$-	\$-
Total Contributions	\$2,462,907	\$2,098,030
Other Income	\$32,190	\$42,807
Interest Income	\$43,604	\$34,337
Spendable Account	\$400,000	\$-
Total Income	\$2,938,701	\$2,175,174
EXPENSES		
Professional Services	\$19,000	\$23,377
Executive Office Expenses	\$608,187	\$618,115
Travel	\$32,687	\$22,959
ASA Meeting	\$43,276	\$27,230
Development & Strategic Planning	\$7,401	\$13,699
Programs		
Grants	\$2,008,079	\$1,871,874
Resident Scholars	\$70,866	\$51,650
Medical Student Fellowship	\$54,973	\$77,490
Mentor	\$1,013	\$-
Total Program	\$2,134,931	\$2,001,014
Depreciation	\$13,161	\$14,225
Other Expenses	\$2,667	\$6,272
Insurance	\$205	\$-
Total Expenses	\$2,861,515	\$2,726,889
Transfer of Funds to Endowment	\$43,002	\$697,368
Income Over (Under) Expenditures	\$34,184	\$(1,249,083)



An Ethical Obligation to Excellence

Alan D. Sessler, MD
President

In his recent book “The Foundation: A Great American Secret,” Joel Fleishmann describes how foundations benefit virtually every American. He is enthusiastic about their potential contributions and realistic in recognizing that more openness and accountability may be in order. Foundations are among the most visible and strongest vehicles for the resolution of society’s dilemmas and can be termed a brilliant philanthropic innovation. The book explores the inherent tensions between benefit to society and the ethical obligation to build trust among the supporters. While there are clearly successes and failures among foundations—at their best they provide good work in a place where ethics and excellence meet.

For FAER, 2006 has been a year of transition with programs piloted earlier now implemented and expanded. The important work that FAER does to support the specialty is closely aligned with the American Society of Anesthesiologists’ mission to ensure the success of the specialty. We all have an ethical obligation to make time available and to maintain the resolve necessary to recruit talented investigators, educators, and clinicians, and to train and educate them to levels of excellence with the skills necessary to solve the abundance of patient and societal needs.

Through FAER’s programs, award recipients and the FAER Board of Directors share a common purpose

and serve as the glue binding together the practice-focused sector with the subspecialty societies and with the academics. When all work together and are enthusiastic, interested and engaged in professional activities, the specialty is united and moves forward. The 2006 FAER contribution includes the following activities:

Research and Education Grant Programs

FAER/Abbott - Volwiler & Tabern Resident Scholar Program

Medical Student Anesthesia Research Fellowship Program (MSARF)

FAER Research Councils in Critical Care, Pain, Pediatrics and Geriatrics

FAER Retreats

Academy of Research Mentors in Anesthesiology

Celebration of Research – a collaboration with the J. Anesthesiology and FAER

Our focus is on the future, and we are looking ahead to 2007. The future holds many exciting challenges and opportunities for physicians, scientists and laypersons committed to making a difference. Among them are:

(1) The broad field of genomics, ranging from perioperative genomic diagnostic testing to pharmacogenomics and its application to patient-targeted therapeutics,

(2) The field of geriatric perioperative care, including clinical outcomes of perioperative care with emphasis on issues such as patient safety and error reduction, and postoperative cognitive dysfunction,

(3) Pain mechanisms and treatment, with special emphasis on neuropathic pain subsequent to injuries sustained by our military forces, and

(4) Neuroscience issues, with specific attention given to the potential impact of anesthetics, other perioperative medications, and patient management on neurodevelopment in infants and children and neurodegeneration in the elderly

As partners working together, the opportunities to make a difference are unlimited. Our commitment to excellence, our resilience to respond positively to the rapidly evolving healthcare environment, and most importantly, the synergy of talented people working together to create a better outcome for our patients and the public in general will translate to long-term success.

Thank you for your support, expertise, and involvement in 2006. There is much to do. We look forward with great anticipation to the future and to working with you . . . the people we serve.

2006 Board of Directors

CHAIR

Joanne M. Conroy, MD
Atlantic Health System

VICE CHAIR

D. David Glass, MD
Dartmouth Hitchcock Medical Center

SECRETARY

Ronald G. Pearl, MD, PhD
Stanford University

TREASURER

Suzanne T. Anderson
Meaghan Jared Partners, Inc.

Joseph P. Annis, MD
Austin, Texas

James F. Arens, MD
University of Texas Med School-Houston

Arnold J. Berry, MD, MPH
Emory University

Bruce F. Cullen, MD
University of Washington

Donn M. Dennis, M.D, FAHA
University of Florida College of Medicine

Alex S. Evers, MD
Washington University

Lee A. Fleisher, MD
University of Pennsylvania

Simon Gelman, MD
Harvard Medical School

Alan W. Grogono, MD
Hilton Head Island, SC

Orin F. Guidry, MD
Ochsner Clinic

Steven C. Hall, MD
Northwestern University Medical School

Alexander A. Hannenberg, MD
Newton-Wellesley Hospital

Joy L. Hawkins, MD
University of Colorado

Joanne Jene, MD
Oregon Anesthesiology Group

Glenn W. Johnson
Glenview, Illinois

John P. Kampine, MD, PhD
Brookfield, Wisconsin

Sean K. Kennedy, MD
University of Pennsylvania

Mark J. Lema, MD, PhD
University at Buffalo, SUNY

Monte Lichtiger, MD
Coconut Grove, FL

Kathryn E. McGoldrick, MD, FABA
New York Medical College

Ronald D. Miller, MD
University of California, San Francisco

Charles W. Otto, MD
University of Arizona

Myer H. Rosenthal, MD
Stanford University

Mike Scott, Esq.
McLean, Virginia

M. Christine Stock, MD
Northwestern University

Denham S. Ward, MD, PhD
University of Rochester

Mark A. Warner, MD
Mayo Clinic

James R. Zaidan, MD, MBA
Emory University School of Medicine

Foundation Staff 2006

Alan D. Sessler, MD – President
Thomas M. Bruckman – Executive Director
Mary M. Schrandt – Associate Director
Nathan D. Grunewald – Assistant Director
Carol L. Demulling – Grants Coordinator
Judith M. Boldt – Administrative Assistant
James A. Sessler – Project Associate



Thomas M. Bruckman

Farewell . . .

Thomas M. Bruckman left FAER in June 2006 after serving three years as Executive Director. During his tenure, the Foundation initiated the medical student (MSARF) and mentorship programs, increased the annual level of grant funding, and raised the total value of the endowment. As part of the development efforts, Tom launched research councils in pain, critical care, pediatrics and geriatrics. The FAER Board of Directors and staff wish him great success in his future career assignments.

Alan D. Sessler, MD

Improving the Lives of Patients through the Advancement of Knowledge in Anesthesiology: *That is why we support FAER*



Dr. Joseph & Bonnie Antognini

Bonnie and I are proud to support FAER. My FAER grants made a tremendous impact in my professional life, nurturing my fledgling research career just at the time I needed it. But the financial support wasn't the only way that FAER helped—the whole application process was a learning experience that prepared me for successful grant applications to the National Institutes of Health.

Obtaining NIH funding now is more difficult than a few years ago, and FAER helps young researchers who are just starting out. But are these the only reasons why we support FAER? No. Anesthesiology, like any specialty, cannot advance without the creation of new knowledge. It falls upon us, as anesthesiologists, to make these advances—no one else will do it for us. We are the ones “in the trenches” who face problems that can only be solved by people who are thinking scientifically and critically. We need people who are thinking about these problems from the time they wake up in the morning to the time they go to bed at night.

Furthermore, advancing knowledge in the neurosciences, cardiovascular physiology and other areas important to our specialty places us head-to-head with other investigators and teachers in both clinical and basic sciences. We must not become known only as a “technical” service—because we are not technicians. We are physicians who, day in and day out, do the very best we can to guide our patients through the critical perioperative period, or who provide the best pain relief possible, or who take care of critically ill patients.

Additionally, advances in our specialty don't help just the anesthetized patient. Indeed, the scientific foundations of anesthesiology (e.g., physiology and pharmacology) are also the foundations of many other areas of medicine. Thus, advances in our specialty improve patient care; advances are not confined to the operating room.

When all is said and done, the advancement of knowledge in anesthesiology boils down to one thing: improving the lives of our patients. Ultimately, this is what drives us to contribute to FAER.

Your Gift of Time

FAER offers a variety of opportunities to support the foundation and is listens carefully to all suggestions about donations. To obtain additional information, please visit our website at <http://faer.org/donate.php> or contact the FAER office by telephone at 507-266-6866 or fax at 507-284-0291.



Mission Statement

The mission of the Foundation for Anesthesia Education and Research is to promote the generation of new knowledge in anesthesiology that advances patient care and to foster career development of anesthesiologists dedicated to research and education in perioperative, critical care and pain medicine.

FOUNDATION FOR ANESTHESIA
EDUCATION AND RESEARCH

200 First Street SW, WF6-674
Rochester, Minnesota 55905

507.266.6866
507.284.0291 (fax)

MC5679-08rev0607