

SMRU Newsletter

ASRM AFFILIATE GROUP



Message from the President

The summer has passed quickly and the ASRM Annual Meeting in Orlando (October 15-19, 2011) is just around the corner. I hope that you will be able to attend and use our newsletter as a guide. I would like to take this opportunity to bring you up-to-date regarding activities of the Society.

Dr. Oates, our incoming SMRU President, has been instrumental in organizing this year's cutting-edge Scientific Program. Drs. Robert Brannigan (chair), Paul Turek, Sjoerd Repping, and Daniel Williams will be the faculty members for Sunday's Post-Graduate Course on Fertility Preservation in the Male: From Childhood to Adulthood, Stem Cells to Spermatozoa.

Peter Schlegel, M.D., will present the AUA Bruce Stewart Lecture on the topic of The Evolution of Treatment for Testicular Failure: Endocrine Factors, Genetics, and Microsurgery. The full program of Interactive Sessions, Mini-Symposia, and Roundtable Luncheons have been compiled in this newsletter under the excellent organization of Dr. Williams.

SMRU and the Society of Reproductive Biologists and Technologists' (SRBT) online Andrology Certificate Course should be available by the 2nd quarter of 2012. I encourage you, your staff, and your trainees to participate in this 30 hour CME-accredited program. The focus is on clinically-relevant topics in both laboratory and clinical andrology. I thank the many SMRU members who have authored and reviewed these chapters. A Certificate of Completion after passing a test based on the content of the course will be offered.

The Traveling Scholars Program remains an integral part of SMRU's mission. At this year's Annual Dinner (Monday, October 17) at Baterby's Art Gallery (9101 International Drive, Suite 1008), and hosted by Dr. Sijo Parekattil, the SMRU men's neckties and the classic Sperm Pin will be available for

purchase. Proceeds will directly benefit the Traveling Scholars. I hope to see all the men sporting these neckties, so that we can work on developing scarves for the women in the future. We are also welcoming generous, sustaining contributions from our membership.

SMRU has a very visible profile in the ASRM leadership. Dolores Lamb, Ph.D., is this year's President of the ASRM. Nancy Brackett, Ph.D., serves on the ASRM's Board of Directors. Craig Niederberger, M.D., is Editor-in-Chief of Fertility and Sterility. Mark Sigman, M.D., has been appointed Chairperson of the ASRM's CME Committee. Dr. Kirk Lo is the Co-chair of the Postgraduate Program Committee.

I want to welcome our newest Board members. Dr. Turek is our newly-elected Secretary/Treasurer and Dr. Williams is our Director-at-Large. As always, Susanna Scarbrough, our Project Coordinator in Birmingham provides the organizational structure.

I am most appreciative for the opportunity to serve as your President during the last year. I have learned a lot from all of you. Thank you and I hope to see you in Orlando!

Sincerely,
Edward Kim, M.D.
President, SMRU



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SMRU Activities and Accomplishments

2010-2011

BOARD and OFFICERS

Edward D. Kim, M.D.,
President

Robert D. Oates, M.D.,
President-Elect

Grace M. Centola, Ph.D.,
Secretary/Treasurer

Nancy L. Brackett, Ph.D.,
Past President

Erma Z. Drobnis, Ph.D.,
Board: 3-Year Term

Ajay K. Nangia, M.D.,
Board: 2-Year Term

Paul J. Turek, M.D. FACS,
Board: 1-Year Term

Dan H. Williams, M.D.
Newsletter Editor

- **Michael I. Eisenberg, M.D.** joined the faculty at Stanford to lead the Male Reproductive Medicine and Surgery program.
- **First Annual RAMSES (Robotic Assisted Microsurgical & Endoscopic Society) Meeting:** November 4-6, 2011 Orlando, FL www.roboticmicrosurgeons.org.
- **SSMR (Society for the Study of Male Reproduction) Annual Meeting:** May 22, 2012 Atlanta, Georgia www.ssmr.org.

We welcome news of the professional activities of SMRU members. Please submit your news to Susanna Scarbrough at sscarbrough@asrm.org.

2012 SMRU Officers

The annual SMRU election was held via electronic ballot during the month of September, 2011. The results of the elections are as follows:



SMRU Secretary/Treasurer
Paul J. Turek, M.D.



SMRU Board Member-at-Large
Daniel H. Williams, M.D.

Upcoming ASRM Meetings

ASRM 2012

Description: 68th Annual Meeting of the ASRM

Dates: October 20-24, 2012

Place: San Diego Convention Center, San Diego, California, USA

Joint ASRM/IFFS 2013

Description: 69th Annual Meeting of the ASRM held conjointly with the Meeting of the International Federation of Fertility Societies

Dates: October 12-17, 2013

Place: Boston, MA, USA

ASRM 2014

Description: 70th Annual Meeting of the ASRM

Dates: October 18-22, 2014

Place: Hawaii Convention Center, Honolulu, HI, USA

Activities of SMRU Interest at the 2011 ASRM Annual Meeting

Sunday October 16th

8:15-5:00 Postgraduate Program Course PG15
Fertility Preservation in the Male: From Childhood to Adulthood, Stem Cells to Spermatozoa
Robert Brannigan, MD (Chair); Sjoerd Repping, PhD; Paul Turek, MD; Dan Williams, MD

Monday, October 17th

9:45-10:30 Plenary
Emerging Opportunities in Oncofertility Practice and Research
Teresa Woodruff, Ph.D

11:15-1:00 Symposium
Two Moms, Two Dads: Same Sex Couples and Assisted Reproduction
Dorothy Greenfeld, LCSW (Chair); Kim Bergman, PhD; Emre Sell, MD

1:15-2:15 Roundtable Luncheons
RTM02 Evaluation of Male Infertility or TESE—Peter Schlegel, MD
RTM15 Vasectomy Reversal: Outcomes and Predictors for Success—Peter Kolettis, MD
RTM16 Male Fertility Preservation: Current Practice and Future Considerations—Sjoerd Repping, PhD
RTM17 Epigenetics and Sperm: Is it Clinically Relevant?—Douglas Carrell, PhD
RTM20 How to Talk to the “Macho Man” About Infertility—J. Kendall Smalls, MSc
RTM25 Sperm from Infertility-Patient Stem Cells—Kyle Orwig, PhD
RTM33 The Link Between Infertility and Sexual Function—John Mulhall, MD
RTM34 Different Sperm Retrieval Techniques – Pros and Cons—Craig Niederberger, MD

4:15-6:15 Abstract Session
Male Reproduction and Urology: Traveling Scholars

4:15-6:15 Symposium
Male Reproductive Surgery: You Would Be Amazed at What We Do
Mark Sigman, MD (Chair); Marc Goldstein, MD; Peter Schlegel, MD; Dana Ohl, MD

4:15-6:15 Symposium
Posthumous Reproduction in the Male and Female: Legal, Ethical, and Medical Issues
Mark Sauer, MD (Chair); Gary Nakhuda, MD; Judith Daar, JD; Robert Klitzman, MD

5:45-6:15 SMRU Minisymposium
Spermatogonial Stem Cells: A Gateway to Treating Male Infertility?
Sjoerd Repping, PhD

7:30pm SMRU Annual Dinner Reception
Baterby's Art Gallery
9101 International Drive #1008
888.682.9995

8:00pm SMRU Annual Dinner
Baterby's Art Gallery

Activities of SMRU Interest at ASRM 2011 (cont.)

Tuesday, October 18th

- 9:00-9:45 Plenary
Prospects for Stem Cell-Based Medicine
David Scadden, MD
- 1:15-2:15 Interactive Session
Posthumous Male Reproduction: The Birds and the Bees Don't Do It - Should We?
An Interactive Debate
Melissa Brisman, JD (Chair); Larry Lipshultz, MD; Peter Schlegel, MD
- 1:15-2:15 Interactive Session
To ICSI or Not to ICSI All: That is the Question: An Interactive Debate
Kathryn Go, PhD (Chair); J. Michael Wilson, PhD; Douglas Carrell, PhD
- 1:15-2:15 Roundtable Luncheons
RTT12 15 Years of FNA Sperm Mapping in NOA—Paul Turek, MD
RTT13 Vasectomy Reversal or Sperm Acquisition/IVF: How to Decide—Jay Sandlow, MD
RTT14 Vibratory Stimulation and Electroejaculation in the SCI Male—Charles Lynne, MD
RTT35 Pearls of Varicocele Repair—Marc Goldstein, MD
- 4:15-6:15 Abstract Session
Male Reproduction and Urology: Clinical
- 5:45-6:15 SMRU Minisymposium
Genetic and Epigenetic Variation: Emerging Tools to Understand Male Infertility
Douglas Carrell, PhD
- 6:15-7:00 SMRU Member's Meeting

Wednesday, October 19th

- 9:00-9:45 Plenary – AUA Bruce Stewart Memorial Lecture
The Evolution of Treatment for Testicular Failure: Endocrine Factors, Genetics, and Microsurgery
Peter Schlegel, MD
- 11:15-1:00 Abstract Session
Male Factor: ART
- 11:15-1:00 Symposium
Fertility Preservation: Everything and More You Need to Know
Peter Schlegel, MD (Chair); Joann Kelvin, BSN, MSN; Nicole Noyes, MD;
Jan Silverman, MA, MEd; Lindsay Beck, BA
- 1:15-2:15 Meet the Professor — Peter Schlegel, MD

Activities of SMRU Interest at ASRM 2011 (cont.)

Wednesday, October 19th (cont.)

- 1:15-2:15 Interactive Session
Neonatal Exposures to Reproductive Toxicants and Adverse Reproductive Outcomes
Susan Benoff, PhD (Chair); Kevin Osteen, PhD
- 1:15-2:15 Interactive Session
Treatment Throughout the Life Cycle of Klinefelter and Turner Syndrome Patients
Rebecca Sokol, MD, MPH (Chair); Richard Reindollar, MD; Jay Sandlow, MD
- 1:15-2:15 Interactive Session
Scientific Opportunities in Generating Gametes from Infertility Patient's Stem Cells
Gerard Schatten, PhD (Chair); Gianpiero Palermo, MD, PhD
- 1:15-2:15 Interactive Session
Male to Female Transgender Surgery: Techniques, Results, and Postoperative Sexuality
Stanton Honig, MD (Chair); Jared Robins, MD; Christine McGinn, MD
- 1:15-2:15 Roundtable Luncheons
RTW02 Sperm DNA Fragmentation Testing—Darius Paduch, MD
RTW10 Lab Testing for Male Infertility: Indications and Interpretation
Mark Sigman, MD
RTW11 Role of Over the Counter Supplements in the Management of Male Fertility
Edmund Sabanegh, MD
RTW12 Preparation and Cryopreservation of MESA and TESE Samples
Donna Cunningham, BP, BSc, MT
RTW21 Free Oxygen Radical Damage on Assisted Reproduction: Can It Be Prevented?
Ashok Agarwal, PhD
- 3:45-5:45 Abstract Session
Male Reproduction and Urology: Research
- 5:15-5:45 SMRU Minisymposium
2010 WHO Sperm Reference Values – Clinical Significance of Count, Motility, and Morphology
Edmund Sabanegh, MD

AUA 2012:

Atlanta, GA
May 19-24, 2012

Don't Miss it!



What can YOU learn from eLearn™?

Earn continuing education credits online through the American Society for Reproductive Medicine's eLearn program! Below is an eLearn course that may be of interest to you:

Male Reproductive Anatomy and Physiology: Module MD019

This presentation provides an in-depth review of male anatomy and physiology for a strong foundation for clinical practice.

Cost:

MD019 – \$25.00 for ASRM members, or \$35.00 for non-members

Credit: 1.0 CME credit hour (CME credits not available for the free resident course)



**To view descriptions and register for the courses above,
please visit www.asrm.org/eLearnCatalog**

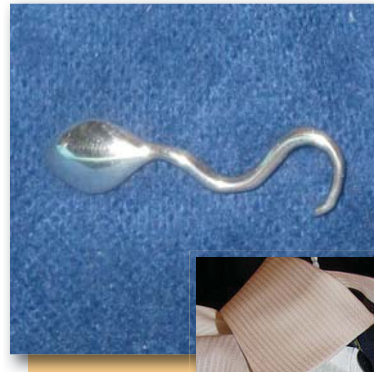
Note: eLearn modules are best viewed using Internet Explorer 7.0 or later.

SMRU Ties and Sperm Pins will
be available for purchase at the
SMRU Annual Dinner

Tie- \$48.50

Sperm Pin- \$500

**All proceeds go to
SMRU Traveling Scholars**



2011 SMRU Traveling Scholars Program Awardees

SMRU is pleased to announce the winners of the 14th Annual SMRU Traveling Scholars Award. This important program provides an opportunity for trainees to learn more about the field of male infertility by attending educational activities at the Annual Meeting of the American Society for Reproductive Medicine (ASRM). The Traveling Scholars Program has been instrumental in bringing bright, new talent into the field of male infertility.

Congratulations to this year's winners!

HOW DOES THE NEW 2010 WORLD HEALTH ORGANIZATION (WHO) CRITERIA FOR SEMEN ANALYSES AFFECT THOSE PRESENTING TO INFERTILITY CLINIC?

Katie Murray, M.D.

University of Kansas Medical Center

Mentor: Ajay Nangia, M.D.

COMPARISON OF IVF/ICSI OUTCOMES IN MALE FACTOR INFERTILITY PATIENTS WITH AND WITHOUT SPINAL CORD INJURIES.

Anupama Kathiresan, M.D.

University of Miami School of Medicine

Mentor: Nancy L. Brackett, Ph.D., HCLD

DIETARY PATTERNS AND SEMEN QUALITY IN YOUNG MEN.

Audrey Gaskins, M.D.

Harvard School of Public Health

Mentor: Jorge E. Chavarro, M.D., Sc.D.

ALTERED DNA METHYLATION PATTERNS IN SPERM FROM OLIGOZOOSPERMIC MEN.

Debbie Montjean, Ph.D.

Institute Pasteur, Paris

Laboratoire d'Eylau, unilabs

Mentor: Rex D.A. Williams, M.D.

CRYOPRESERVATION WITH PRO-KINETIC AGENTS MAY HAVE AN ADVERSE IMPACT ON SPERM MOTILITY AND RECOVERY IN MEN WITH TESTIS CANCER.

James Hotaling, M.D.

University of Washington School of Medicine

Mentor: Thomas J. Walsh, M.D.

ECHNOLOGICAL IMPROVEMENTS SUGGEST THE PREFERENTIAL USE OF PERCUTANEOUS EPIDIDYMAL SPERM ASPIRATION (PESA) OVER SURGICAL CORRECTION IN THE TREATMENT OF OBSTRUCTIVE AZOOSPERMIA (OA).

Jason R. Kovac, M.D., Ph.D.

Baylor College of Medicine

Mentor: Marc A. Fischer, M.D.

SMRU Member Spotlight

Erma Drobnis, Ph.D.

Dr. Drobnis is the Director of the Andrology and Endocrinology Laboratory at the University of Missouri-Columbia School of Medicine. She has studied sperm biology and reproductive medicine in diverse species for more than 30 years, including humans, domestic, and model species in the areas of clinical semen analysis, cryobiology, and cell biology of fertilization.

Erma completed her Ph.D. in Physiology at the University of California, Davis, working with advisor Dr. David Katz, in writing a dissertation on the biophysics of sperm-oocyte interaction in mammals. She remained at UC Davis for postdoctoral training with Dr. John Crowe in Zoology and Dr. Jim Overstreet in Ob/Gyn, studying sperm cryobiology in a variety of species including humans and domestic species. She continued her work there as research faculty in Ob/Gyn and in the School of Veterinary Medicine. She achieved HCLD board certification and accepted her current position in 1994.

Dr. Drobnis has published peer-reviewed and review articles on clinical andrology and sperm biology. Recently, she worked on the multicenter Study for Future Families, publishing results of semen quality in men from urban versus rural areas. She currently works on studies of the glycobiology of sperm and participates in the Oncofertility Consortium. She has been involved in the problem-based learning (PBL) curriculum in the School of Medicine at MU for 15 years. With her love of statistics and her original degree in mathematics, she assists resident physicians and faculty in her department with biostatistics. Dr. Drobnis is an inspector for the CAP Reproductive Laboratory Accreditation Program, is a member of the ABB Certification Examination Task Force, and is a member of the American Society of Andrology Executive Council.

Erma has been a member of the ASRM since 1988 and has served on the Research Career Development Committee. As a member of the ASRM's professional group RBPG, she has worked on the Abstract Review, Curriculum Development and Program Committees. She has also served as faculty for a postgraduate course, seminars and roundtables at annual meetings. She was a charter member of the Society for Male Reproduction and Urology (SMRU) and currently serves as a Board Member for SMRU and as the SMRU representative on the ASRM membership committee.

