HIGHLIGHTS FROM THE DIRECTOR

I was excited to celebrate the beginning of 2016 at our Center for Reproductive Medicine (CRM) Member’s New Year’s Meeting and Reception. It was an opportune time to reflect on the CRM’s progress in 2015, shed focus on our goals for 2016, and provided a wonderful networking event to gather with colleagues, old and new. During the meeting I emphasized the CRM’s continued focus on discovering the fundamentals of human disease and health, investing in necessary resources to push innovation, extending our community outreach initiatives, and educating generations of life-long learners.

Taking a look back at our range of collaborations, achievements, and outreach initiatives, education is an underlying theme driving us to deliver these notable experiences. Throughout the fall of 2015, CRM members went into the classroom to interact with students and build upon their curriculum. I met with reproductive endocrinology and infertility fellows at Texas Children’s Hospital to teach routine semen analyses, advanced sperm testing, and reoccurring pregnancy loss concepts. CRM members engaged over 50 Saturday Morning Science 2 (SMS 2) high school students with advanced topics in reproductive medicine. Earlier this year, we had two excellent speakers—Michael Mancini, Ph.D., Director, Integrated Microscopy Core, Baylor College of Medicine and Teresa K. Woodruff, Chief and Professor, Division of OB/GYN, Northwestern University Feinberg School of Medicine—who educated us on innovative research advancements, and mentorship and career development goals.

As we make our way into 2016, it is up to us as educators to continue to deliver a range of academic opportunities to a community of researchers, students, and trainees, who will become our next generation of caregivers.

Through training grants directed by CRM members, the career development of graduate students, fellows, and young faculty is supported. Platforms such as these will drive their passion to make successful strides in innovative patient care, prepare them for leadership roles beyond their educational training, and allow them to better serve both the local and global population.

In this issue we cover unique topics relaying our breadth of expertise and educational initiatives. This includes a look into the innovative uses of 3D printing in gynecologic and urologic care, annual fall 2015 meetings attended, a recap of the fall SMS 2 program, and much more. Additionally, I encourage you to register for the 2016 Texas Forum for Reproductive Sciences taking place April 21 - 22, right here in the Texas Medical Center. I am looking forward to another active year and the wonderful opportunities to work together.
CRM NEW YEAR’S MEETING AND RECEPTION
JANUARY 7, 2016

During the 2016 Center for Reproductive Medicine (CRM) New Year’s Meeting and Reception, Dr. Dolores Lamb shared five key mission areas aligning with the CRM’s continued vision, as it moves into 2016. With the vast breadth and depth of the CRM, Dr. Lamb placed emphasis on establishing collaborative efforts to push forward innovative discovery in basic, translational, and clinical research. Below are the key focus areas and objectives for the CRM as it continues to deepen its partnership with Baylor College of Medicine, Texas Children’s Hospital, Methodist, UT MD Anderson, and other community affiliates to deliver research advances, innovative patient care, and impact educational outreach.

WHAT ARE THE MISSION AREAS OF THE CENTER FOR REPRODUCTIVE MEDICINE?

Discover the Fundamentals of Human Disease and Health
- Foster innovation by integrating clinical research into key strategic areas to develop centers of excellence in collaboration with BCM and our affiliates.

Invest in the Human and Technological Resources Necessary for Innovation
- Advance faculty development and the institutional mission through investing, recruiting, training, and retaining intellectual capital.

Reach the Community—Locally, Nationally, and Globally
- Expand and build upon our existing community to facilitate lifelong care of the population we serve.

Educate Generations of Life-long Learners Dedicated to Excellence in Biomedical Research, Patient Care, and Education
- Foster translational science by providing cross-training and cross-educational opportunities between scientists and clinicians.

Seize the Opportunity to Develop New Collaborative Grant Submissions
- Obtain Center-type and P01 grants submitted by the Infertility and Fertility, Congenital Genitourinary Birth Defects, and Reproductive Diseases Working Groups.

A key initiative should be to develop a bedside-to-bench approach to discovery, utilizing a multi-disciplinary operational model which engages all mission areas.

Dolores J. Lamb, Ph.D.
Director, Center for Reproductive Medicine

After the meeting, CRM members celebrated the new year with a networking reception to connect with old colleagues and meet new ones.
THE 3D FUTURE OF REPRODUCTIVE MEDICINE

3D printing has made an exciting impact in the medical world—from being used for organ regeneration and pre-operative surgical planning, to research in tissue design and an advanced educational tool—its possibilities are endless. With the potential for innovative advancements in customized patient care and deeper abilities to showcase complex science and medicine, 3D printing is only building momentum.

Two CRM members take us through their journey into 3D printing—depicting its uses in both male and female reproductive medicine, through the labs of Drs. Jennifer Dietrich and Richard Link. Below we see their passion for 3D printing in gynecologic and urologic care, and how its power is shaping innovative research, advancing education for physicians, scientists and trainees, and building personalized patient care.

BEYOND THE HEADLINES

GYNECOLOGY
Julie Hakim, M.D.
Fellow, Dr. Jennifer Dietrich Lab
Department of Obstetrics and Gynecology

Q: What do you think makes 3D printing unique in the field of gynecology?
A: There are a number of unmet clinical needs in the field of gynecology for which 3D printing is unique in its prototyping, customization, and small-market production capabilities. In pediatric gynecology, we use vaginal stents post-surgical neovagina creation, in order to maintain the caliber of the newly created vagina and to avoid stenosis. Neovaginal creation is necessary in girls born with Mayer Rokitansky Kuster Hauser syndrome (1/4500), Vaginal Agenesis (1/5000-7000), Complete Androgen Insensitivity (1/50,000), cloacal anomalies, Congenital Adrenal Hyperplasia, or other congenital anomalies.

Following stent use, most patients will need to transition to a vaginal dilator to maintain the vaginal patency. These may be used in women who have undergone extensive pelvic surgery, radiation for gynecologic cancer, or scarring for disfiguring. Vaginal dilators may also be used for neovagina creation in patients with vaginal agenesis related to the above congenital conditions, who decline or who may not be surgery candidates.

Q: Aren't vaginal stents readily available?
A: Vaginal stents are no longer available in North America. Available vaginal dilators exist in larger sizes that cannot be used safely or comfortably in the pediatric population or in women with significant vaginal length shortening. By using 3D printing technology, customized vaginal stents and dilators can be created to improve functionality, fit, and performance, specific to pediatric and adult populations. This would be the first patient-specific gynecologic device on the market.

Q: Are you using 3D printing for other advances?
A: Dr. Jennifer Dietrich and I are leading a collaboration between Texas Children's Pediatric Medical Device Innovation Fund with Biotechnology students at Texas A&M to produce a 3D printed Mechanical Leech to reduce venous congestion, scar tissue, and improve graft neovascularization.

Q: Have these initiatives been shared with patients?
A: All of our efforts are still in the research and development phase. We hope to leverage the knowledge and skills gained through our 3D printing projects to translate to patient care one day.

CONTINUED ON PAGE 4
**Q: What do you think makes 3D printing unique in the field of urology?**

**A:** 3D printing is an exciting field where many medical applications are still being developed. Currently the main applications of 3D printing in urology have been focused on pre-operative visualization and planning, surgical training, and patient education.

**Q: What are some current research initiatives Dr. Link’s lab has applied 3D printing towards?**

**A:** In our lab we are utilizing two different printing technologies—both hard and soft models. Using hard models we can affordably and rapidly produce a variety of 3D printed kidneys which we are using to train medical students and residents on how to visualize CT imaging for kidney cancer. These models allow trainees the ability to touch and interact with a physical representation of the imaging which we believe will help with their understanding of anatomic relationships shown in standard patient imaging.

We are also developing patient-specific soft 3D printed kidney models in conjunction with Jacques Zaneveld, Ph.D., President and Founder of Lazarus 3D, a Houston-based 3D printing technology company. These models can be surgically manipulated to perform a pre-operative rehearsal for difficult partial nephrectomy cases and for resident training.

**Q: Have these initiatives been shared with patients?**

**A:** We have also shared these models with several patients which have been met with very positive responses. The patients have remarked that it has helped them to better understand their disease and the treatment approach.

**Q: What are some goals or next steps?**

**A:** We are pursuing prospective trials to improve a trainee’s ability to understand clinical imaging and a trial to demonstrate patient-specific surgical model accuracy for pre-surgical rehearsal and practice. We hope that these trials will demonstrate the efficacy of these two tools. In the future, we hope to expand these modeling approaches to a broader group of trainees, and integrate these models into standard resident training and practice.

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1 Jennifer Dietrich, M.D., M.Sc., Chief of Pediatric and Adolescent Gynecology, Texas Children’s Hospital, Division Director of Pediatric and Adolescent Gynecology, Baylor College of Medicine, Associate Professor, Department of OB/GYN

2 Richard Link, M.D., Ph.D., Associate Professor, Department of Urology, Baylor College of Medicine
CRM MEMBER AWARDS
CONGRATULATIONS!

Matthew Anderson, M.D., Ph.D.
Assistant Professor, Department of OB/GYN

**KK125 Ovarian Cancer Research Foundation Award**
Received in October 2015, this funding will further advance Dr. Anderson’s studies of how viral or other infections of the distal fallopian tube contribute to early events causing ovarian cancer.

Rose Khavari, M.D.
Assistant Professor, Department of Urology
Methodist Hospital

**Houston Methodist Institute for Academic Medicine (IAM) Clinician Scientists Recruitment and Retention Program**
In October 2015, Dr. Khavari, a KURe K12 scholar, was selected for funding for her clinical and research accomplishments, and proposed work in leading neurology and pelvic reconstruction medicine.

**2016 American Urological Association (AUA)/European Association of Urology (EUA) Academic Exchange Program**
Awarded to Dr. Khavari in October 2015, this program provides young urology faculty with an international perspective on urologic medicine. In March 2016, Dr. Khavari will travel to various urology institutions in Europe and present a scientific lecture on her reproductive science research.

**2015 Society of Urodynamics Female Pelvic Medicine and Urogenital Reconstruction (SUFU) Research Foundation Grant for the Study of Chemodenervation**
In November 2015, Dr. Rose Khavari was awarded for her project, “Evaluation of Central Inhibitory Effects of Intravesical Injection of Botulinum toxin A in Patients with Neurogenic and Non-neurogenic Detrusor Overactivity.”

Mohit Khera, M.D., M.B.A., M.P.H.
Associate Professor, Department of Urology

**Third International Conference on Regenerative Medicine and Its Cultural Impact**
Dr. Khera was invited to speak at this summit hosted at the Vatican in Italy, to discuss advancements in stem cell research and therapies. The international conference will be held April 28 - 30, 2016 with a focus on pediatric cancers, rare genetic diseases, and diseases that occur with aging.

Janet Malek Weinstein, Ph.D.
Associate Professor
Center for Medical Ethics and Health Policy, Baylor College of Medicine
Associate Director
Houston Methodist System Biomedical Ethics Program

Janet Malek is an Associate Professor in the Center for Medical Ethics and Health Policy at the Baylor College of Medicine (BCM). She received her Bachelors of Arts from Duke University in 1998 and her doctorate in philosophy from Rice University in 2004.

Dr. Malek does ethics consultation for the Houston Methodist Hospital System, and teaches ethics and professionalism to BCM medical students and residents. She is currently serving as the Chair of the Board of Directors for the Academy for Professionalism in Health Care and is working on projects related to trainee ethics and the learning environment.

Her research focuses on ethics in pediatrics and obstetrics, particularly on parental decision-making and issues at the intersection of genetic and reproductive technologies.

WELCOME!
American Society for Reproductive Medicine 2015 Annual Meeting
Baltimore, Maryland

Steering Reproductive Medicine to the Forefront of Global Public Health

71st annual meeting
8552 national and international physicians, professional academics, clinicians, scientific investigators, fellows, and trainees
93 international countries represented

3 CRM members presented oral abstracts and posters
Melanoma Antigen Protein MAGEC1 Mutation Identified in Familial Nonobstructive Azoospermia
  ▪ Alexander Pastuszak, M.D., Ph.D.

Limited Clinical Implementation of Embryoscope During First Year Use at an Academic Institution
  ▪ Mary Peavey, M.D.

Dietary Isocaloric Protein Restriction Alters Single Carbon Amino Acid Metabolism in the Rat
  ▪ Amy Schutt, M.D.

1 Symposium presented
Looking for Genetic Causes of Male Infertility
  ▪ Dolores J. Lamb, Ph.D.
  ▪ Jason Heaney, Ph.D.

1 Roundtable luncheon
Useful Sperm Function Testing: Neglected Tools?
  ▪ Dolores J. Lamb, Ph.D.

1 Postgraduate Course
Clinical Genetics for the Infertile Male: The Present and the Future
  ▪ Dolores J. Lamb, Ph.D.

2 ASRM Star Awards
Recognizes members who have presented during at least nine of the annual meetings from 2005-2014
  ▪ William E. Gibbons, M.D.
  ▪ Dolores J. Lamb, Ph.D.

CRM MEMBER ACTIVITIES IN THE REPRODUCTIVE FIELD

Dolores J. Lamb, Ph.D., HCLD
Director, Center for Reproductive Medicine

Lecture:
The Future of Genetic Testing and Infertility

Although there are many well-recognized causes of male infertility, for the majority of patients the causes of their infertility remain largely unknown. Today researchers believe that for many men, genetic defects (numerical and structural chromosome defects, gene mutations, and testis-specific meiotic defects) underlie their infertility. This is important because assisted reproductive technologies can overcome defects in the sperm and ova allowing otherwise infertile couples to experience parenthood.

However, these technologies also bypass nature’s barriers to fertilization by defective gametes. Accordingly, transmission of genetic defects affects not only fertility, but perhaps other systematic functions could also become a concern. Although most children conceived in this manner appear normal (and there are no guarantees of a perfect baby even for fertile couples using natural conception)—investigators need to develop methods to more precisely define the causes of spermatogeneic failure and whether there are implications for the future health of the infertile male and any offspring conceived.

According to Dr. Lamb, the future of genetic testing for infertility will utilize not only routine methods of karyotype analysis of chromosomes, but also high throughput genomic and sequencing technologies. This has been utilized in other conditions, such as birth defects and autism, and will help define the currently unrecognized causes of male infertility.
The Sexual Medicine Society of North America’s (SMSNA) 2015 fall scientific meeting brought together urologists, allied health practitioners, mental health experts, basic science and clinical researchers, trainees, and all other health professionals interested in the advancement of sexual health and wellness. In an open, educational forum attendees were encouraged to cross-pollinate ideas and concepts addressing issues in reproductive medicine and related fields. Below are selected talks from CRM members during the SMSNA 21st annual meeting.

Mohit Khera, M.D., M.B.A., M.P.H.
Associate Professor, Department of Urology

Penile Prosthesis Can Safely and Easily Be Inserted in Patients with Peyronie’s Disease: Results of PROPPER Study

Dr. Khera’s study aimed to assess the efficacy, safety, and overall satisfaction of penile prosthesis (PP) placement in men with Peyronie’s Disease versus men without Peyronie’s Disease, utilizing the Prospective Registry of Outcomes with Penile Prosthesis for Erectile Restoration (PROPPER).

The PROPPER registry evaluates outcomes in men who underwent penile prosthesis implantation during the first one to five years after implantation surgery. These evaluations provide both physicians and patients an opportunity to better understand the effectiveness of the implantation in treating symptoms of Peyronie’s Disease.

Dr. Khera concluded that penile prosthesis can safely be inserted in patients with Peyronie’s Disease with no significant differences in overall outcomes, patient satisfaction, or adverse events, when compared to patients who did not have Peyronie’s Disease.

Additionally, patients suffering from depression seemed to improve following a PP placement.

Amin Herati, M.D.
Postdoctoral Fellow, Department of Urology
Larry Lipshultz, M.D.
Professor, Department of Urology

Surgical Management of Acquired Buried Penis: Experience from Two Institutions

Acquired buried penis is an uncommon condition which results from an engulfment of the phallus by the local tissue, which can lead to chronic irritation and infections. Drs. Herati and Lipshultz observed men who underwent surgical reconstruction of acquired buried penis, at BCM and the University of South Florida.

To determine post-surgical effects on erectile responses and sexual health inventory for men (SHIM) scores, they compared SHIM scores for men who underwent penile prosthesis insertion against those who did not.

Drs. Herati and Lipshultz concluded that acquired buried penis is a correctable condition which results in higher SHIM scores—leading to good erectile responses after surgery and few postoperative complications.

They recommended that clinicians conduct long-term follow-ups to observe post-surgical outcomes and ensure overall well-being.
Alexander Pastuszak, M.D., Ph.D.
Assistant Professor, Department of Urology

Low Serum Testosterone is Associated with Elevations in High-Sensitivity Cardiovascular Disease Biomarkers

The relationship between serum testosterone (T) levels and the risk of adverse cardiovascular events, such as heart attack, stroke, and pulmonary embolism, is unclear, and remains under debate. Recent studies have variably demonstrated both a positive and negative relationship between cardiovascular risk and serum testosterone levels, primarily determining cardiovascular risk using cardiovascular events such as heart attack and stroke.

Dr. Pastuszak’s research examined the relationship between testosterone levels and a panel of high sensitivity cardiovascular disease risk markers to assess whether cardiovascular risk as a function of testosterone levels.

Out of the seven cardiovascular risk markers evaluated in more than 10,000 men, six demonstrated an inverse relationship between testosterone levels and cardiovascular risk; higher risk was observed in men with lower testosterone levels, with decreasing risk as testosterone levels increased. Dr. Pastuszak’s study supports prior reports observing an increased cardiovascular risk in men with low testosterone and argues against the controversial current clinical conclusion that men on testosterone therapy may have an increased incidence of cardiovascular disease.

Upcoming Spring Meetings Involving CRM Participation

Society for Maternal-Fetal Medicine 36th Annual Pregnancy Meeting
February 1 - 6, 2016
Atlanta, GA

Environment and Reproductive Science Summit 2016
March 5 - 6, 2016
Dallas, TX

2016 Annual Clinical Genetics Meeting (ACMG)
March 8 - 12, 2016
Tampa, FL

Endocrine Society ENDO 2016
April 1 - 4, 2016
Boston, MA

American Society of Andrology (ASA) Annual Meeting
April 2 - 5, 2016
New Orleans, LA

For a full overview of 2016 meetings CRM members will attend: bcm.edu/reproductive-medicine/meetings
Single Cell Analysis of Nuclear Receptor Functions by Quantitative High Throughput Microscopy and Image Analysis

Michael A. Mancini, Ph.D.
Director, Integrated Microscopy Core of the Dan L. Duncan Cancer Center, Professor, Department of Molecular and Cellular Biology

Dr. Michael Mancini discussed the development and efficient uses of automated microscopy and single cell analysis, e.g. high content analysis (HCA), supporting his interests in estrogen and androgen receptor biology. This includes mechanism-oriented high throughput siRNA screening and endocrine disruptor testing. Compared to cell-average-based population assays, HCA facilitates simultaneous mechanistic and phenotypic measurements in 384 well plates, providing custom cell-by-cell examination, especially in heterogeneous populations where population-based assays can fail. HCA can provide investigators with answers to questions normally requiring numerous, disparate assays that lack a cellular context. With the marked improvements in speed and resolution, including new super-resolution capabilities, intense studies of cell-by-cell structure and mechanism are possible in ways previously unimaginable.

Prostate Cancer Heterogeneity: Overcoming Obstacles and Seizing Opportunities

Ganesh S. Palapattu, M.D., FACS
Chief, Division of Urologic Oncology, The George F. and Sandra G. Valassis Professor of Urology, Associate Professor, Department of Urology, University of Michigan Health System

As a surgeon-scientist, Dr. Ganesh Palapattu maintains equal emphasis on his research and clinical duties, in order to improve outcomes of men with prostate cancer. Dr. Palapattu emphasized that prostate cancer heterogeneity poses a challenge in research and treatment, as one cancerous area is not indicative of the overall advancement of the disease. To overcome this and other challenges, Dr. Palapattu has focused on finding improved techniques, such as MR fusion biopsy, to aide in translating his research into precision medicine to further advance personalized treatment options for cancer patients.
SAVE THE DATE FOR THESE TEXAS MEETINGS

ENVIRONMENT & REPRODUCTIVE SCIENCE SUMMIT 2016

March 5-6, 2016
Dallas/Fort Worth Airport Marriott
8440 Freeport Parkway
Irving, TX 75063

Environmental, Nutritional, and Genetic Factors Affecting Reproduction

Join the American Society for Reproductive Medicine (ASRM), the Society for the Study of Reproduction (SSR), and the Society of Reproductive Biologists and Technologists, for this live interdisciplinary program. The summit is a balance between the assessment of the latest molecular and genetic techniques, and how reproduction influences public health globally.

Keynote address:
Impact of the Environment on Reproduction

Linda C. Giudice, M.D., Ph.D.
Professor and Chair, Department of Obstetrics, Gynecology and Reproductive Sciences
University of California, San Francisco

Registration is $250. For more information and to register: asrm.org/ERSSummit2016.

2016 TEXAS FORUM FOR REPRODUCTIVE SCIENCES

April 21-22, 2016
MD Anderson Onstead Auditorium
6550 Bertner Avenue
Houston, TX 77030

Taking place right here in the Texas Medical Center, the Texas Forum for Reproductive Sciences (TFRS) brings together all basic and clinical scientists interested in female and male reproductive systems. This is a great opportunity to foster collaborations with other Texas reproductive scientists and for those in training to present their work.

Marie-Claude Hofmann, Ph.D., Professor, Department of Endocrine Neoplasia and Hormonal Disorders, UT MD Anderson and Chandra Yallampalli, Ph.D., DVM, Professor, Department of OB/GYN, Baylor College of Medicine, are co-organizing the 22nd annual meeting.

Short talks and poster sessions will be presented by students, fellows, and junior faculty, along with two excellent plenary lectures given by:

W. Lee Kraus, Ph.D.
Director, Cecil H. and Ida Green Center for Reproductive Biology Sciences, Professor and Vice Chair of Basic Sciences, Department of OB/GYN, UT Southwestern

Janette Dufor, Ph.D.
Associate Professor, Associate Dean for Research, Department of Cell Biology and Biochemistry, Texas Tech University Health Sciences Center

Registration is $50. For schedule, lodging, and registration: bcm.edu/reproductivemedicine/meetings/texas-forum-reproductive-sciences. For questions, contact Dr. Chandra Yallampalli at cyallamp@bcm.edu.
Saturday Morning Science 2
Fall 2015

The CRM was excited to host over 50 Houston-area high school students during the fall 2015 Saturday Morning Science 2 (SMS 2) program. Building upon the students’ biology and chemistry curriculums, leading experts in reproductive medicine delivered key morning lectures focusing on advanced reproductive science concepts.

Lecture topics included chromosome defects, gene mutations, testicular germ cell tumors, anabolic steroids, e-cigarette use, and many others. Graduate students complemented each lecture with hands-on activities and provided advice on pursuing careers in medicine and science.

Giving students a feel of what it is like to work in a lab, teaching assistant, Cenk Cengiz, took his students on a tour of the Laboratory for Male Reproductive Research and Testing.

SMS 2 students also received a special holiday tour of the Michael E. DeBakey Museum and Library on December 19. Students delved into BCM’s rich history of biomedical discovery, the great educational and innovative impacts Dr. DeBakey left behind, and learned what it means to “always keep their pencils sharp!”

To see a recap of our fall 2015 sessions:
bcm.edu/reproductive medicine/outreach

Baylor Teen Health Clinic
Male Empowerment Coalition

The Male Empowerment Coalition has spent a busy fall season strategizing with nonprofit, civic, and community leaders on the development of programs, events, and networking opportunities to provide educational and social resources to young males in the Houston metropolitan area. Programs involve, overseeing high school completion, career development and job placements, and providing expert urologic and reproductive health advice.

Save the Date: Health Resources Fair
Saturday, March 5, 2016
12 - 4 p.m.
Finnigan Community Center and Park
4900 Providence
**GRANT OPPORTUNITIES**

**Texas Company Product Development Award, Cancer Prevention and Research Institute of Texas**  
**Deadline:** Feb. 25, 2016  
**Amount:** $20 million maximum, over maximum duration of 36 months  
This award seeks to support early-stage “start-up” and established companies in the development of innovative products, services, and infrastructure with significant potential impact on patient care. The proposed project must further the development of new products for the diagnosis, treatment, or prevention of cancer; must establish infrastructure that is critical to the development of a robust industry; or must fill a treatment or research gap. Companies must be headquartered in Texas.  
Additional information: [cprit.state.tx.us/images/uploads/fy162-txco-rfa.PDF](cprit.state.tx.us/images/uploads/fy162-txco-rfa.PDF)

**2016 Michael E. DeBakey, M.D., Excellence in Research Awards**  
**Deadline:** Feb. 29, 2016 at 5 p.m.  
**Amount:** $5,000  
The Michael E. DeBakey, M.D., Excellence in Research Awards are given annually to Baylor College of Medicine faculty who have made the most significant published scientific contribution to clinical or basic biomedical research during the past three years. Awardees receive a commemorative medallion and a $5,000 fund to support their research. The awards are funded by the DeBakey Medical Foundation.  
Additional information: [ictr.research.bcm.edu/R5T80IF3WH2/DeBakeyAward](ictr.research.bcm.edu/R5T80IF3WH2/DeBakeyAward)

**American Society for Reproductive Medicine (ASRM) and Society for Reproductive Endocrinology and Infertility (SREI) Research Grant Program**  
**Deadline:** March 7, 2016  
**Amount:** $10,000 to $50,000  
The primary purpose of the ASRM and SREI Research Grant Programs is to provide funds for new investigators to establish independent research programs.  
Additional information: [asrm.org/ASRM_Research_Grants](asrm.org/ASRM_Research_Grants)

**2016 Prostate Cancer Foundation Young Investigator Awards**  
**Deadline:** March 11, 2016  
**Amount:** $75,000 per year, for three years  
This award goes towards developing gifted cohorts of young prostate cancer researchers. The award funds may be used flexibly to advance the career and research efforts of the awardee.  
Additional information: [pcf.smartsimple.com/s_Login.jsp](pcf.smartsimple.com/s_Login.jsp)

To stay updated on additional opportunities, visit the Grant Opportunities page at bcm.edu/ReproductiveMedicine.

**UPCOMING EVENT**

**CRM and MCB R&D Workshop Series**

**Development of a Non-obese Mouse Dietary Model of Gestational Diabetes and What We Can Learn From It**

Kathleen Pennington, Ph.D.  
Assistant Professor  
Department of OB/GYN

February 11, 2016  
12 – 1 p.m.  
DeBakey Building, Room M616

Mark your calendars for our remaining FY 2016 seminars taking place at noon in DeBakey M616:  
March 24 and April 14