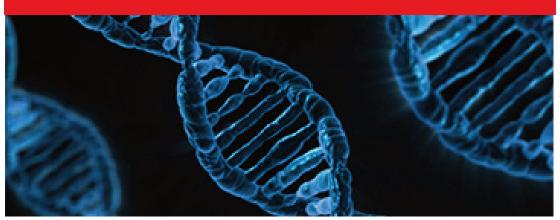


THE FOUNDATION FOR GENDER-SPECIFIC MEDICINE

ANNUAL GALA

MAY 3, 2017 • DOUBLES







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ANNUAL GALA





Program

COCKTAILS 7:00 - 8:00 PM

WELCOME

MARVIN L. SLOMOWITZ, Chairman of the Board
CHERYL HIRSCH, Gala Chairwoman
DOCTOR MARIANNE J. LEGATO

DINNER 8:00 - 9:00 PM

PRESENTATION TO HONOREES
PENNY AND JAY LIEBERMAN

ANNOUNCEMENT OF SILENT AUCTION WINNERS

DANCING, DESSERT AND CHAMPAGNE





Catalyst for Change In Gender-Specific Medicine

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Innovator for Gender-Specific Health Advancement

MR. AND MRS. DEAN G. YUZEK

Promoter of Gender Equality In Medical Research

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And Special Thanks To:

SAM NOLE, for his unwavering support and business expertise

DEAN YUZEK, for his invaluable counsel and guidance

ISOBEL AND MARVIN SLOMOWITZ, who have been with us from the beginning

MRS. CHERYL HIRSCH, our Chairwoman

THE FOUNDATION STAFF:

WENDY DAUBER, our Executive Director, who makes it all work

ROSE-MARIE BRANDWEIN, who has revitalized and expanded our website

CHRISTIANA KILLIAN, for development, advice and counsel

WENDY CARDUNER, who makes Doubles the ideal place for a perfect party









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May 3, 2017

Dear Friends:

We are delighted to have you share our gala tonight, which this year centers around the remarkable achievements of a husband and wife duo: Penny and Jay Lieberman. Penny, has been an advocate for our mission for over a decade. She is a talented entrepreneuse and is the founder and CEO of several organizations devoted to creating and developing safe, creative and educational toys for children. Jay's interest in the Foundation began when Penny told him about our work; he responded to us with a major three-year commitment from his Derfner Foundation.

Jay Lieberman formed the Derfner Foundation 25 years ago with his senior partner, Harold Derfner and Mr. Derfner's wife, Helen. Jay told us that the mission of his foundation is simply to ensure that it would do all the good possible. A review of some of the major interests of the Foundation reflects Jay's dedication to first-class heath care and to providing opportunities for the best education possible for needy and talented children.

His funding has been essential in supporting the work of talented young investigators at Johns Hopkins. Derfner support also underwrote the production of our new textbook, which contains contributions from 50 of the world's most accomplished scientists examining gender differences at the molecular level.

Penny and Jay's efforts are carefully thought-out and well-placed. We are privileged to celebrate their achievements.

We have done very interesting and important work together this year:

 The Academic Press has finished the preparation of the third edition of our classic textbook, The Principles of Gender-Specific Medicine. This edition reflects the scientific revolution of the 21st century and is a complete departure from the format of the first two editions of our textbook. Its contents showcase the





THE FOUNDATION FOR GENDER-SPECIFIC MEDICINE





innovative and cutting-edge technology of the genomic era. Copies of the new book are here tonight for your inspection – we're so proud of it! Tari Broderick, our Elsevier editor, has commissioned our next task: a summary of the history of gender-specific medicine, slated for release in September of this year, just in time for our international symposium which will be held in Japan in the fall.

- Equally exciting is the first edition of our new journal, Gender and the Genome, published by Mary Ann Liebert, Inc., Publishers, which extends what we have done with our textbook. The first issue begins with the proceedings of a round table discussion about the science of altering the human genome, and features commentary from some of the most pre-eminent investigators in the field. There is also provocative commentary from our legal scholars, Sherif Moussa and Justin Killian. Gender and the Genome is the official journal of the Foundation and is a tremendous step in extending the work we are doing with scientists throughout the world. Trustee Robert Birch has established a \$25,000 prize for the best original scientific paper published in our new journal; this generous gift will accelerate our acquisition of first class manuscripts for our next issues.
- As a result of Derfner Foundation support, we have maintained our connection with Johns Hopkins by establishing two fellowships of \$25,000 each year to support the work of non-tenured junior faculty members at Johns Hopkins who are doing work to augment our understanding of gender-specific medicine.
- We have established an endowed Fellowship supporting young faculty at Columbia University College of Physicians & Surgeons. This award is underwritten by new funds from a dedicated endowment of over \$1,000,000 I raised to honor Doctor M. Irené Ferrer, whose work with the cardiac catheter in cardiovascular medicine helped win the Nobel Prize. This year's winner of the \$60,000 Ferrer Award is Doctor Elaine Y. Wan, Esther Aboodi Assistant Professor of Cardiology (in Medicine), who is working on the molecular basis of the gender-specific aspects of atrial fibrillation.

We thank you for your marvelous support and encouragement, which makes all this possible. As the work evolves and becomes more complex, you are more valuable to us than ever.

Sincerely,

Marianne J. Legato, M.D., Ph. D. (hon. c.), F.A.C.P.









Penny and Jay Lieberman

A PHILANTHROPIC COUPLE

These two power houses have widely divergent but equally intriguing philanthropic interests. Penny, a graduate of New York University and Parsons School of Design, has concentrated on the poor quality of effective educational resources for young people. She has developed a whole host of safe products that educate and comfort children of all ages. As President and CEO of Toot Sweet Toys, Penny has made it one of the most prominent of her many corporations dedicated to this and offers alternatives to existing violent and shallow products; these include not only patented toys of her own design, but home furnishings, apparel, accessories and bath products. Her company, Sandbox Entertainment, develops and produces FCC-friendly children's programming. She is a consultant to many companies that produce responsible resources for children, including Commonwealth Toys, Warner Communications and Sesame Street. Not content with her own ventures, she puts her experience as an agent of the William Morris Agency to good use and, for example, has been a supporter of Angel Flight, which supports pilots who donate their time and planes to rescue victims of disasters such as Hurricane Katrina and has chaired events like "Hidden Talents of the Hamptons," featuring local professionals who performed most recently to combat school violence and negative peer pressure among students. She is a generous fund raiser for the Humane Society, the ASPCA, and the surgical board of Mount Sinai Hospital.









Jay, a graduate of Tulane University and a veteran of the military airlift command of the United States Air Force in Vietnam, has a prodigious record of support for organizations throughout the United States and throughout the world. His major instrument of philanthropy is the Derfner Foundation, founded by him in collaboration with Mr. and Mrs. Harold Derfner. He is its trustee and CEO and summarizes its mission very simply: he wants to effect all the good of which the Foundation is capable. His major grant of \$300,000 over the course of three years to our own Foundation resulted in the support of the research of promising young scientists at Johns Hopkins, who compete annually for a Derfner award to investigate the differences between men and women. Our own history at Columbia and Johns Hopkins is closely intertwined, and the Derfner grant has given further support to that invaluable collaboration. Jay lists 19 major organizations that have benefited from his generosity, including the Hospital for Special Surgery, The American Cancer Society, the Children's Hospital of Los Angeles and the American Heart Association.

He has a special interest in the Mount Sinai Hospital, where he serves on the Surgery Advisory Board and founded the Derfner Ambulatory Surgical Suite. Most recently, he is partnering with Mount Sinai to build a surgical center in Uganda.

We are proud to honor Penny and Jay tonight, and to let the public know about just a fraction of the incredibly valuable work their efforts and funds put in motion and supported.



ANNUAL GALA







THE FOUNDATION SALUTES OUR NEW SCHOLARS

Elaine Y. Wan, M.D., F.A.C.C., F.A.H.A.

Esther Aboodi Assistant Professor of Cardiology (in Medicine) Columbia University Medical Center

M. IRENÉ FERRER SCHOLAR IN GENDER-SPECIFIC MEDICINE

DOCTOR WAN IS STUDYING THE MOLECULAR BASIS OF THE GENDER-SPECIFIC ASPECTS OF ATRIAL FIBRILATION.

Two more young scholars at Johns Hopkins have been awarded funding thanks to support from the Derfner Foundation grant.

Kristin M. Voegtline, Ph.D.

Assistant Professor of Pediatrics Division of General Pediatrics & Adolescent Medicine Johns Hopkins University School of Medicine

DOCTOR VOEGTLINE IS STUDYING THE IMPACT OF THE HORMONES THAT CROSS THE PLACENTA AND TARGET THE BRAIN WHILE THE BABY IS STILL IN THE UTERUS. SHE BELIEVES THAT TESTOSTERONE MAY HAVE A DIFFERENT IMPACT ON BOY AND GIRL FETUSES.

Rosanne Rouf, M.D.

Assistant Professor of Medicine Division of Cardiology/Advanced Heart Failure Johns Hopkins University School of Medicine

DOCTOR ROUF IS INVESTIGATING NOT ONLY THE REASON MITRAL VALVE PROLAPSES, BUT WHY THE DISORDER IS SO MUCH MORE COMMON IN WOMEN THAN IN MEN.



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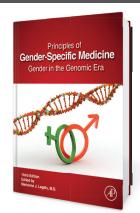




Principles of Gender-Specific Medicine, 3e Gender in the Genomic Era

"...clear and comprehensive presentation...of the challenges and tremendous benefits of the future of gender-specific medicine."

- Dr. Vivian Pinn, Founding Director (Retired), NIH Office of Research on Women's Health



Edited By: Marianne Legato MD, PHD (hon.c.), FACP

ISBN: 9780128035061 PUB DATE: Spring 2017

Principles of Gender-Specific Medicine: Gender in the Genomic Era. Third Edition

"As the architect of this third edition, Dr. Marianne Legato" has, once again, designed a ground-breaking reference for the medical community. The foundation of Principles of Gender-Specific Medicine: Gender in the Genomic Era, Third Edition is built on cutting-edge science and reflects the revolution in biomedical research that began with the description of the human genome. From a gender perspective, authors from around the world contribute chapters ranging from autoimmunity, brain dimorphism in transsexuals, cardiac disease, impact of space travel on the microbiome, to pain, PTSD, and sex-specific aspects of the aging kidney. Author-by-author, Dr. Legato constructed an enormously beneficial reference that will continue to expand the essential impact of gender differences on health and

- Tari Broderick, Sr. Acquisitions Editor, Biomedical Research, Elsevier

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President, Foundation for Gender-Specific Medicine Editor-in-Chief of the newly launched journal



"The announcement that the structure of the human genome had been successfully described signaled a dramatic change in our ability to explore, augment, and alter the nature of life. Founded and edited by Marianne J. Legato, MD, FACP, Gender and the **Genome**, the newly launched peer-reviewed journal from Mary Ann Liebert, Inc., publishers, explores how the new science of the 21st century is profoundly influenced by biological sex. The Journal publishes evidence-based original research, reviews, perspectives and commentaries that illuminate the impact of biological sex on current technology and its effect on human life. The Journal's international multidisciplinary editorial board includes the most forward-thinking leaders in gender-specific medicine to engage the community of molecular biologists, engineers, ethicists, anthropologists, and legal experts in a dialogue about the nature and implications of 21st-century technology.

As researchers continue to unravel the human molecular ancestral program, genetic discoveries concerning population variations such as disease and behavior will need to be seen in light of biological sex."

This is the future.

-Mary Ann Liebert, CEO, Mary Ann Liebert, Inc., Publishers www.liebertpub.com











The Foundation for Gender-Specific Medicine and *Gender and the Genome* Announce the Robert S. Birch \$25,000 Award Competition for the Best Original Research Paper or Scholarly Legal/Ethical Commentary Relating Gender-Specific Medicine to Investigations at the Molecular/Cellular Level

The Foundation for Gender-Specific Medicine and *Gender and the Genome* are pleased to announce a competition for a prize of \$25,000 (the Robert S. Birch Award). The intent of the prize is to encourage submissions of original research or scholarly legal/ethical commentary of the highest quality concerning the relevance of biological sex/gender to cutting edge 21st-century science for publication in *Gender and the Genome*. A blue-ribbon panel convened specifically for this purpose will judge the submitted papers.

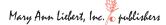
The Foundation for Gender-Specific Medicine is a continuation of the Partnership for Gender-Specific Medicine formed at Columbia University in 1997. This competition reflects our current focus on the new science of the 21st century, which is expanding explosively to explore the world that the Human Genome Project opened in 2000, when an international team of experts gave us a solid description of the architecture of the human genetic code.

The new journal, *Gender and the Genome*, the official journal of The Foundation for Gender-Specific Medicine, fills a unique niche in medical publishing. It has a specific, well-defined mission: to explore the impact of sex/gender on the data and concepts generated as a result of utilizing state-of-the-art methods and new capabilities. The journal is designed to acknowledge the consequences of the profound change in our ability to explore, augment - and to transform - the nature of created life and to manufacture entirely novel species, both biological and mechanical.

We are casting a wide-flung net for our journal, asking not only for reports of original research, but for commentary from legal experts and ethicists about the new technology of altering created life and generating entirely new species. The Human Genome Writing Project is only one of the bold new ideas that hold infinite possibilities for the transformation of life as we know it. Lawyers who participated in our past symposia have expressed an interest in submitting some of their provocative and thoughtful commentary for publication in our first issues. Our aim is to concentrate on radically new technology, comment on the ethical and legal aspects of what the scientific community is doing, and consider the most effective ways to translate the achievements of molecular biologists and engineers into the improvement and prolongation of human life on earth and ultimately throughout the universe.







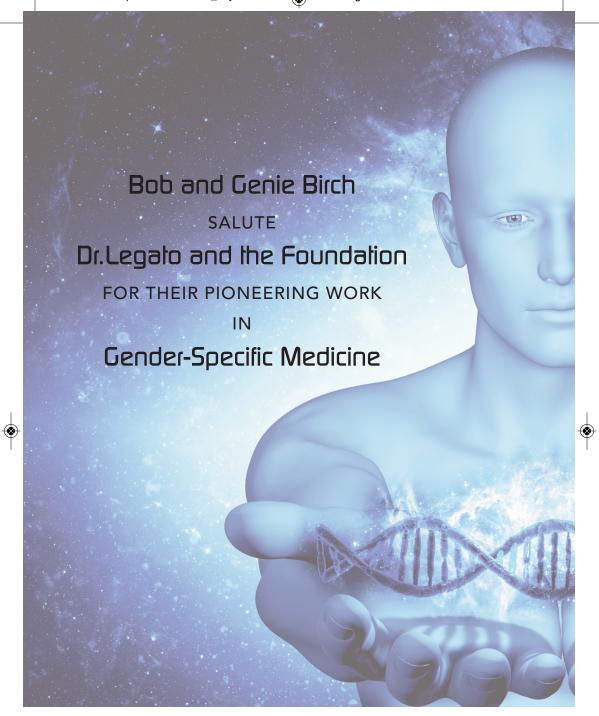


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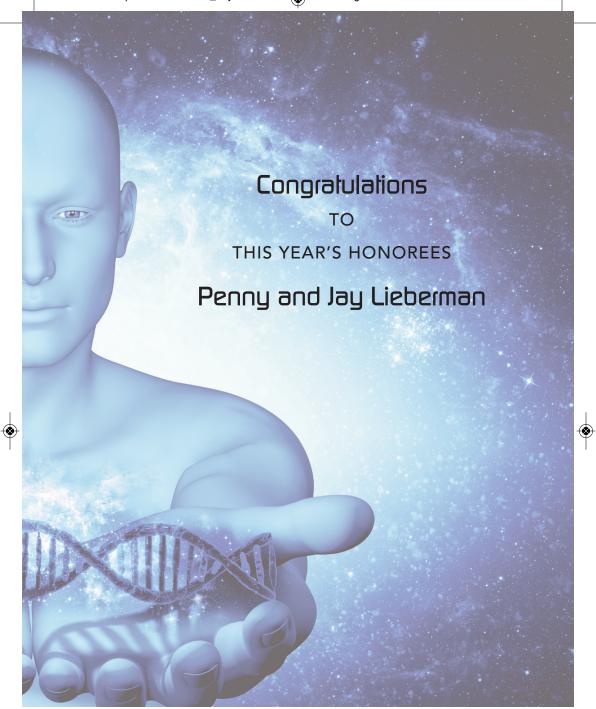






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SAM J. NOLE, CPA AND LILLIAN MCGRATH-NOLE AND FAMILY

are proud to support the awesome and iconic work of



MARIANNE J. LEGATO, M.D., FACP

and

the Philosophy, Science and Work of

THE FOUNDATION FOR GENDER-SPECIFIC MEDICINE

Congratulations to

PENNY AND JAY LIEBERMAN

for their generous effort and dedication to

THE FOUNDATION FOR GENDER-SPECIFIC MEDICINE

Penny and Jay have enriched the lives of countless families through their inspiration, outreach and special programs. We salute their philanthropic and extraordinary commitment.

Their good friends,

AMY AND GEORGE KANE









Ingram Yuzek Gainen Carroll & Bertolotti, LLP



And Dean & Maria Yuzek

Congratulate Honorees Penny and Jay Lieberman,

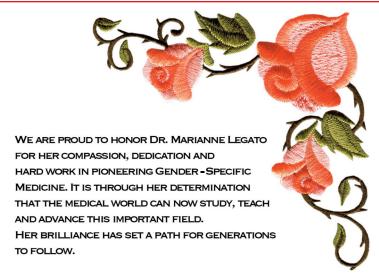
Thank Honorary Chairpersons Isobel and Marvin Slomowitz and Chairwoman Cheryl Hirsch,

Gratefully Acknowledge The Members Of Our Board, Administrators And Academic Partners,

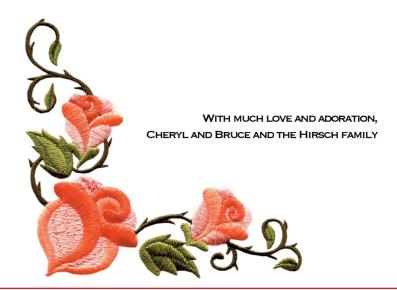
And

Salute Our Friend and Founder, Doctor Marianne J. Legato





CONGRATULATIONS TO PENNY AND JAY LIEBERMAN
FOR THE RECOGNITION OF THEIR GENEROUS SUPPORT TO
THE FOUNDATION FOR GENDER - SPECIFIC MEDICINE THROUGH
THE DERFNER FOUNDATION.





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Dr. Legato:

Congratulations to a great innovator, whose contributions have saved countless lives. Working with you has been a great honor. With affection, respect and best wishes for your continued success.

From

Shelley Rothbart,

Registered Dietician

with main concentration on improvements of medical conditions and reduction of medicines needed for obesity, metabolic syndrome, and cardiac disease through better nutrition, lifestyle changes and weight loss.

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CONGRATULATIONS TO TONIGHT'S HONOREES

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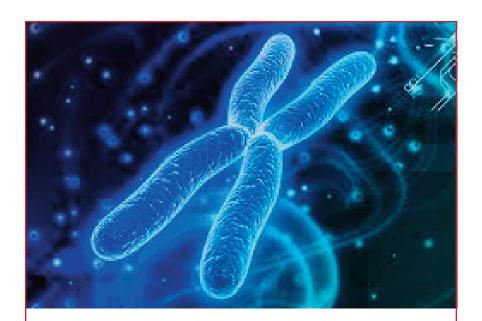
CINDY AND TOM SECUNDA











TO

Dr. Marianne Legato

FOR YOUR CONTINUED DEDICATION

TO THE STUDY OF

GENDER-SPECIFIC MEDICINE

CINDY AND TOM SECUNDA













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In appreciation of the dedication and work of Penny and Jay Lieberman through the Derfner Foundation, your support is invaluable in many ways.

With admiration and respect, **Carine Joannou**

President, Jamis Bicycles



www.jamisbikes.com









Thank you Dr. Legato for all that you do!



FROM YOUR LOVING STAFF,

Rose-Marie, Sharon and Wendy

CONGRATULATIONS TO

Dr. Marianne J. Legato

The Foundation for Gender-Specific Medicine

AND TONIGHT'S HONOREES

Penny and Jay Lieberman

EILEEN K. MURRAY





Marianne J. Legato, MD, FACP

Until the 1990's, virtually all medical research was done on men; doctors assumed the results would be identical for women. Today the more we learn about gender, the more we understand that males and females are significantly different in every system of the body.

The Foundation for Gender-Specific Medicine, Inc., (FGSM) is a unique collaboration between the private sector and academic medicine. It is dedicated to advancing the science of the differences between the normal physiology of men and women and the impact of biological sex on the pathophysiology of disease.

Our Purpose

1. Support original scientific research in gender- specific medicine:

Each year, the Foundation provides fellowships to untenured, young faculty members with the goal of fostering their interest in gender-specific medicine at the beginning of their investigative careers.

2. Educate healthcare professionals:

We are currently working on an unprecedented third edition of our ground-breaking textbook, *The Principles of Gender-Specific Medicine*, which presents the latest scientific information about the differences between the sexes.

3. Educate the lay public:

The Foundation understands that science exists as part of a larger social network: it does not exist in isolation. The interests of the lay public drive medical research and practice. Rather than simply serving as an informational vehicle, the Foundation creates an open dialogue with the community about health and the ethics of utilizing new techniques and capacities in the prevention, detection and treatment of illness.

Our Mission

To use the study of gender to foster the development of new sciences and improve health care for all patients: The Foundation for Gender Specific-Medicine supports the investigation of the ways in which biological sex and gender affect normal human function and the experience of disease.

Did You Know...

There are profoundly significant sex differences in the therapeutic power of drugs and their side effects.

- Men have less vigorous immune systems and are less able to fight some types of infection.
- Women are more likely to develop disorders of the heart rhythm. The electrical properties of the heart are different between the sexes, and the mechanisms of heart failure are gender-specific.
- It is untrue that women are the "weaker sex."
 Evidence shows that men are more vulnerable in the womb and throughout their lives.
- Two hundred forty males are conceived for every 100 females. Yet, the ratio of actual birth is 1.05 boys to 1 girl. Men live a much more fragile existence throughout their lives and, on average, die 6 years earlier than women.

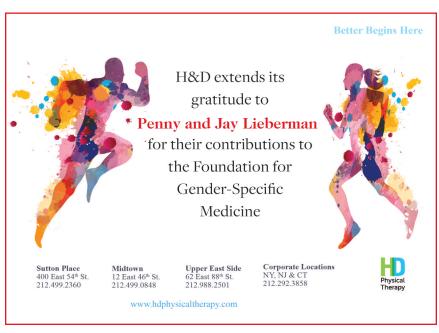
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THE FOUNDATION FOR GENDER-SPECIFIC MEDICINE
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No one we have ever known has cared so much or so well for so many as Dr. Marianne J. Legato. And we so admire her as diagnostician, author, historian, and founder of a field of medicine.

But mostly we love having her as part of our family and a great friend.

With profound thanks, appreciation and much love.

THE BAUMS
SHARON, STEPHEN, BEN, SAM, HEATHER, AMY,
HANNAH, JACK, ETHAN & SUGAR PIE





We are so proud to be a part of this innovative approach to modern medicine.

Dr. Legato is an amazing human being who has and will change the face of patient treatment as we know it today.

