

Identifying and Supporting Patients with Hereditary Cancer Predispositions

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Dear Friends,

It gives me great pleasure to present our most recent department newsletter to you.

This is the time of year when we must say goodbye to many familiar faces at Magee. Maryanne Hugo retired in October, Satish Nayak announced his retirement this year after a long career as an obstetrician in the community, and Mary Olson, a long-standing member of the Magee staff, retired effective June 30, 2016.

I would like to congratulate our senior residents and fellows who are moving onto the next phase of their career. As you will see on page 9, some of our seniors will move on to different hospitals and institutions while others will continue their journey at Magee.

We are happy to announce that one of our senior residents will be staying on at Magee to become our first hospitalist-in-training for obstetric services. Our residency program gets better each year. We are fortunate to be ranked by US News and World Report as the 3rd best program in the country for training in women's health, and

much of the credit for that goes to not only our candidates and resident graduates, but also to the wonderful work of Gabey Gosman and her residency administrative team, Diana Brucha and Missy Nix.

I encourage everyone to come back for our Alumni Day which will be held on Friday, October 14, 2016.

Drs. Dick Guido and Dan Edelstone are co-directors of the alumni program this year as Dan begins to wind down some of his administrative responsibilities.

We would also like to congratulate several faculty members who have been in the news recently for their accomplishments. Rich Beigi had a very nice review in JAMA about the current Zika Virus epidemic, Sharon Hillier and Aleks Rajkovic's groups have both had recent journal articles published in New England Journal of Medicine, and Yoel Sadovsky was recently recognized for his work in placental inflammation, and the role the placenta may play in preventing viral infections in a recent interview on NPR.

We are also quite proud of our Pregnancy Recovery Center initiated by Denny English, and currently overseen by Mike England and Liz Krans. Our Center was recognized nationally on the CBS Evening News and is a prototype for efforts to develop similar centers across the country with the rising opioid epidemic. Read more about the Center in the latest edition of Magee Magazine at mageewomens.org/publications.

If we haven't heard from you lately, please drop us a note to let us know what you are doing these days. As one of our Magee alumni, we want to maintain ongoing communication and let you know what is happening as our department reaches out to expand our alumni network. We hope to see you all soon.

Best regards,

Robert P. Edwards
Milton Lawrence McCall
Professor & Chair
Department of Obstetrics,
Gynecology & Reproductive

Rolet A. Elen

Sciences



RESIDENT ALUMNI SPOTLIGHT

Bringing Laparoscopic Surgery to the Tri-State Area

Dr. Saul Berg was drawn to obstetrics and gynecology because, "You are the initial contact for the female population."

He was also interested in the broad spectrum of skills and the combination of obstetrics, surgery and medicine offered in the field. "One day you may be doing internal medicine, delivering a baby, performing surgery, gynecological checkups, and even doing some early pediatrics. I enjoyed that wide array of specialties," Dr. Berg explains.

After attending West Virginia University School of Medicine, Dr. Berg interned at Allegheny General Hospital. He grew up in Pittsburgh's Morningside neighborhood and knew he wanted to stay in the area. Due to his interest in women's health, his number one choice for his residency was Magee-Womens Hospital. Fortunately, Magee wanted him too. "Dr. Donald Hutchinson called me personally and told me he wanted me to join the program. I was thrilled because of the caliber of the residency program."

During his residency at Magee, he learned from many different physicians, each with unique perspectives. "They didn't have many full-time faculty. Most of the teachers were community physicians who had different attitudes with regard to conducting patient care, obstetrical and surgical experiences, all of which were garnered over the years. That expertise trained me in a wide expanse of techniques." Dr. Berg credits Drs. Hutchinson and Terry Hayashi as being great mentors during that time also.

When Dr. Berg was a senior resident, he and Dr. David L. Katz, a Magee faculty member, both became very interested in a relatively new minimally invasive surgical procedure called laparoscopy. They presented this to Dr. Hayashi, who encouraged them to pursue it. They traveled to Wayne State Medical School in Detroit to observe two procedures. Dr. Berg explains, "No one in our area was doing that type of surgery. Culdoscopy was the main procedure being performed and visualization of the abdomen was very limited." The doctors realized the new laparoscopic procedure could get better diagnostic results without the risks and pain of current techniques at that time.

The two doctors brought what they learned back to Magee. In April, 1969, Drs. Katz and Berg performed the first laparoscopic procedure at Magee. Doctors from West Virginia, Ohio, Pennsylvania and Virginia traveled to the area to learn about the procedure from them. "I'm really proud to have been able to help Dr. Katz bring laparoscopic surgery to the Pittsburgh and tri-state region and get it off the ground. We were teaching general surgeons about the procedure and then they took it and ran with it. Laparoscopy is revolutionary in the obstetrics and gynecology field, and in many other fields," Dr. Berg says.

Dr. Berg graduated from the residency program on June 30, 1970. Just two days later, he reported to active duty at Fort Bragg, North Carolina. While in the military, Dr. Berg continued to practice obstetrics and gynecology. However, the techniques weren't quite as advanced as what he was used to at Magee. "I asked for a laparoscope and they looked at me like I was from outer space. They had no clue what I was talking about." Ironically, two years later on the day of his discharge, his unit finally received a laparoscope.

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Cancer Genetics Program: Identifying and Supporting Patients with Hereditary Cancer Predispositions



Approximately 5-10% of cancer is associated with an inherited cancer predisposition syndrome.

Although the majority of cancers are not due to a hereditary cause, individuals with a cancer predisposition have a far higher chance of developing cancer in their lifetime, and the cancer(s) tend to occur at an earlier age. Genetic evaluation can help determine whether an individual or family is likely to have a hereditary cancer syndrome.

The Cancer Genetics Program - a joint program of the UPMC Cancer Centers and Magee-Womens Hospital of UPMC provides education and cancer risk assessment for individuals and their families who are concerned about the possibility of cancer and how genetic inheritance may play a role. The program officially joined the Department of Reproductive Genetics about seven months ago. In addition to providing genetic counseling and genetic testing when appropriate, the Cancer Genetics Program also offers a comprehensive

cancer risk assessment that takes into account family history along with personal cancer-specific risk profiles, including environmental and lifestyle factors.

Dr. Aleksandar Rajkovic, medical director of the Department of Reproductive Genetics explained, "Understanding the individual cancer risks is important, as it allows us to take the appropriate actions to mitigate these risks and help prevent cancer from developing, and to implement surveillance strategies to detect cancer at early stages."

Genetic testing has grown in popularity due to advances in technologies, testing being more readily available, increased awareness from the public, and the Genetic Information Non-discrimination Act which protects genetic information.

Who Should Be Tested?

While a large majority of patients seen in the Cancer Genetics Program are referred by physicians, individuals who are concerned about their personal or family history of cancer can make an appointment themselves.

"We encourage people who are concerned about the possibility of a cancer predisposition syndrome in their family to contact us to inquire whether they may benefit from cancer risk assessment or genetic counseling," says Darcy Thull, a genetic counselor with the program.

Risk Management Recommendations

Individuals who are at higher risks of developing certain cancers due to a cancer predisposition syndrome are recommended to follow high-risk cancer surveillance and management, which might include intensive screening, riskreducing surgery, risk-reducing medications, and lifestyle modifications. Individuals who are not identified to have a hereditary cancer predisposition, but who are at increased risk of developing certain types of cancers due to a combination of factors, also benefit from risk-appropriate management recommendations.

Cancer Genetics Expert Joins Program

Dr. Phuong Mai was recently recruited to be the medical

director of the Cancer Genetics Program at Magee. Prior to joining Magee-Womens Hospital, Dr. Mai was at the Clinical Genetics Branch of the Division of Cancer Epidemiology and Genetics, National Cancer Institute. After her medical oncology fellowship at the University of Texas Health Science Center in San Antonio in 2004, Dr. Mai completed a two-year training program in Clinical Cancer Genetics at the City of Hope National Medical Center. Her research has been focused on cancer risk assessment, genetic counseling, and cancer risk management related to hereditary cancer predisposition syndromes. Specifically, Dr. Mai was involved in research projects, in collaboration with national and international investigators, to advance knowledge of cancer risk and the management for women with Hereditary Breast Ovarian Cancer Syndrome and Li-Fraumeni Syndrome.

As a cancer geneticist, Dr. Mai's interest is in understanding the complete spectrum of cancer and cancer risk associated with hereditary cancer syndromes, which will then allow for the opportunity to devise the most effective, individualized risk management strategy. Another of Dr. Mai's interests is in understanding the psychological and social impact having a hereditary cancer syndrome has on the individual as well as the family. Ultimately, the goal is to carry out research and utilize the latest findings in cancer genetics to improve the prevention, treatment, and support of those with hereditary cancers. Dr. Mai also works closely with the program's board certified genetic counselors to provide the best care for their patients and families.

Research Component

In addition to providing expert clinical consultation in cancer genetics and cancer risk assessment, the Cancer Genetics Program strives to expand the current research program to advance the understanding of cancer genetics and management of people and families with hereditary cancer risk. The program also provides training and continuing medical education to medical professionals.

Dr. Mai is excited about the program's future. "The goals of the Cancer Genetics Program are to obtain a better understanding of the various hereditary cancer syndromes, to better predict individual cancer risks associated with these syndromes, to provide risk-appropriate management recommendations that will lead to reduction of cancer risk and detection of cancers at their earliest stages, and to provide support to individuals and families with a hereditary cancer syndrome."

To refer a patient or for more information about the program, please call 1-800-454-8156.

"Understanding the individual cancer risks is important, as it allows us to take the appropriate actions to mitigate these risks and help prevent cancer from developing, and to implement surveillance strategies to detect cancer at early stages."

Cancer Genetics Program Faculty

Physicians:

Phuong Mai, MD, MS
Devereux Saller, MD
Aleksandar Rajkovic, MD, PhD

Genetic Counselors:

Darcy Thull, MS, CGC

Rachelle Huziak, MS, CGC

Christa Lorenchick, MS, CGC

Celebrating Research Achievements



On May 20, the Annual Research Day in Reproductive Biology & Women's Health featured the newest data from Magee's faculty researchers and selected presentations by clinical fellows, residents, and graduate trainees in the Department of Obstetrics, Gynecology, & Reproductive Sciences and postdoctoral fellows at Magee-Womens Research Institute. At the end of the day, awards were presented for the best oral and poster presentations. as well as other research accomplishments.

Two ongoing lecture series were presented by distinguished guests.

The Margaret Prine Joy Lecture in Reproductive Sciences, "Stem Cells in Endometrium and Endometriosis," was presented by Hugh S. Taylor, MD, Anita O'Keeffe Young Professor and Chair, Department of OBGYN and Reproductive Sciences at Yale School of Medicine.

The Celebration of Life: A Lecture Honoring Mothers,

"Preconception, Prenatal and Neonatal Precision Medicine," was presented by David Ledbetter, PhD, Executive Vice President and Chief Scientific Officer at Geisinger Health System.

Research Day 2016 Awardees

Best Fellow/Graduate Trainee Oral Presentation

Meredith Snook, MD: Abnormal Menstrual Patterns in Young Women Following Sport-Related Concussion

Marvin C. Rulin, MD, Research Day Resident Presentation Award Lauren Giugale, MD: *Inadvertent Hysterotomy Extension During*

Cesarean Delivery: Risk Factors and Maternal Morbidity

Best Fellow/Graduate Trainee Poster Presentation

Chatchanan Doungkamchan, MD: Sertoli Cell Gene Therapy in Sertoli Cell Androgen Receptor Knockout (SCARKO) Mice

Paul M. Rike Fellowship Award Yu Ren, PhD

Amy Roberts Health Promotion Award

Jessica Rose, MD

Awards Ceremony Awardees

Faculty and trainees also were recognized at the Department's annual award ceremony on June 3 at the University Club.

Faculty and Fellows Teaching Awards

APGO – Faculty Kenneth Spisso, MD

CREOG – Faculty Kathleen McIntyre-Seltman, MD

Clinic Faculty Kenneth Dzialowski, MD

Obstetrics Faculty Teaching Award Jim Crozier, MD

Obstetrics Fellow Teaching Award Allison Serra, MD

Gynecology Faculty Teaching Award

Nicole Donnellan, MD

Gynecology Fellow Teaching Award

Noah Rindos, MD

MYTIPREPORT Acknowledgements

Faculty

1st - Richard Guido, MD

2nd – Rebecca Waltner-Toews, MD

3rd – Joseph Kelley, MD

4th - Robert Kaminski, MD

Residents

1st - Erin Rhinehart, MD

2nd – Kathryn Peticca, MD

3rd – Jason Ricciuti, MD

Resident Awards

Ryan Program Resident Award for Excellence in Family Planning Jessica Lee, MD

Magee-Womens Hospital Junior Resident Award for Excellence in Family Planning

Jason Ricciuti, MD & Yasaswi Paruchuri, MD

The Margaret Searce Compassionate Care Award Max Horowitz, MD

Dr. Morris Turner Procedural Teaching/Guidance Award Lauren Giugale, MD

Recognition of Global Health Participation Jessica Rose, MD

AAGL – Special Excellence in Endoscopic Procedures Stephanie Rothenberg, MD

SLS Outstanding Laparoendoscopic Resident Ann Peters, MD

AUGS – Award for Excellence in Female Pelvic Medicine and Reconstructive Surgery Erin Rhinehart. MD

SMFM Resident Award for Excellence in Obstetrics Tiffany Deihl, MD

Best General OB Skills by an Intern Alayna Butcher, MD

Best Teaching Residents as Selected by Third-Year Medical Students

R1: Jason Ricciuti, MD

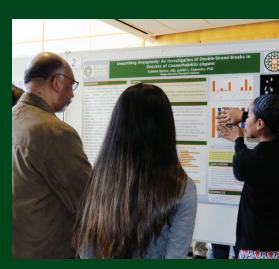
R2: Tiffany Deihl, MD

R3: Grace Ferguson, MD

R4s: Jessica Lee, MD & Malcolm Ross, MD



Dr. Yoel Sadovsky with Peggy Joy and guest lecturer, Dr. Hugh Taylor.



Dr. Fabiola Balmir, a Magee fellow, explains her poster presentation to guests.



Guest lecturer, Dr. David Ledbetter and Dr. Yoel Sadovsky.

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Resident Alumni Spotlight

After his military service, Dr. Berg went into private practice for many years in the Pittsburgh area. He retired from private practice about 13 years ago but never stopped investigating women's health research.

In 2000, Dr. Berg became a principal investigator at Clinical Trials Research Services, LLC, a private clinical research clinic in Pittsburgh, and is currently its medical director. He has been involved with more than 50 different trials covering a wide range of women's health issues as well as other fields like Alzheimer's research. "It's been enjoyable to continue my education in different areas I was not as familiar with. such as gout, irritable bowel syndrome, and Alzheimer's. I enjoy being on a continuum of learning while still practicing women's health research "

When Dr. Berg isn't investigating clinical trials, he enjoys spending time with his wife of 53 years, Ronnie, their three children and four grandchildren, cooking, gardening and woodworking.

Reflecting on how things have changed since his residency, Dr. Berg thinks the increased specialization in the OB/GYN program is a good thing. "Instead of only doing 10 or 20 hysterectomies a year, specialists are doing many more a year with focus on better outcomes with fewer complications. I think that is a great development. The expertise is shifting away from generalists and moving toward super specialists."

One thing he believes is very important but changing in today's world is the doctor-patient relationship. "Technology can be great but I think it is very important to maintain the doctor-patient relationship. It seems like people don't talk to each other as much as they used to. 'Meaningful care' should still be a priority, and patients should come first."

Dr. Berg is proud to be an alumnus of Magee's residency program, "The high level of training residents receive across the board, combined with the opportunity to become focused on one subspecialty, is very important. The residents come out very well-trained, respected, and are recruited at top institutions around the country. I also think it says a great deal that many residents choose to stay on at Magee." That excellence is why Dr. Berg continues to support Magee's research and educational programs. "I think the medical staff and researchers do outstanding work. I give back because Magee is my legacy."

Continued from page 7

Celebrating Research Achievements...

Honorable Mentions

R1s: Alayna Butcher, MD & Kelsey

Crowley, MD

R2: Max Horowitz, MD R3: Erin Rhinehart, MD R4: Lauren Giugale, MD

Previously awarded by the University of Pittsburgh School of Medicine

The Gold Foundation Humanism and Excellence in Teaching "Little Apple" Award - Tiffany Deihl, MD

The University of Pittsburgh School of Medicine, Alpha Omega Alpha Honor Society Resident Award - Malcolm Ross, MD

The University of Pittsburgh School of Medicine, Alpha Omega Alpha Volunteer Clinical Faculty Award - Carey Andrew-Jaja, MD

Congratulations to the Resident Class of 2016.



Residency Program UPDATE

Outgoing and Incoming Trainees

Graduating Fellows

Gynecologic Oncology

- Michelle Boisen, MD Asst Professor, MWH Department of OB/ GYN/RS, Gynecologic Oncology Division
- Karyn Hansen, MD Gynecologic Oncologist, St. Francis Hospital/ Trinity Health New England; Asst Clinical Professor of OBYN at University of Connecticut School of Medicine

Maternal Fetal Medicine

- Laura Campbell Colicchia, MD

 Faculty, Minnesota Perinatal
 Physicians
- Tina Franklin Dumont, MD, PhD Asst Professor of OBGYN, UMass Memorial Medical Center
- Sami Makaroun, MD Asst Professor, MWH Department of OB/ GYN/RS, Maternal-Fetal Medicine Division

<u>Female Pelvic Medicine and</u> Reconstructive Surgery

 Craig Mayr, MD, PhD – Associate Physician, Urogynecology, Billings Clinic

Minimally Invasive Surgery

 Noah Rindos, MD – Asst Professor, MWH Department of OB/GYN/RS, Gynecologic Specialty Division

Reproductive Endocrinology & Infertility

 Meredith Snook, MD – Private Practice, Reproductive Health Specialists in Pittsburgh, PA

Graduating Residents

- Anna Binstock, MD Faculty, MWH, Department of OB/GYN/RS
- Anne Davis, MD REI Fellowship, Cleveland Clinic
- Lauren Giugale, MD Urogynecology Fellowship at MWH, Department of OB/GYN/RS
- Jessica Lee, MD Family Planning Fellowship, Johns Hopkins Bayview Medical Center
- Lauren Lewis, MD Saint Francis Medical Group Hartford, Connecticut
- Jennifer Paul, MD Private Practice, Mid-Atlantic Permanente Medical Group, Baltimore Maryland
- Malcolm Ross, MD Gynecologic Oncology Fellowship, MWH,
 Department of OB/GYN/RS
- Stephanie Rothenberg, MD REI Fellowship at MWH, Department of OB/GYN/RS
- Margaret Schramm, MD Private Practice, Lake Shore Obstetrics and Gynecology in Chicago, IL
- Roxanna Twedt, MD Maternal-Fetal Medicine Fellowship, MWH, Department of OB/GYN/RS

Incoming Fellows

Female Pelvic Medicine

• Lauren Giugale, MD – current resident transferring to fellowship

Maternal-Fetal Medicine

- Roxanna Twedt, MD current resident transferring to fellowship
- Jennifer Braverman, MD Baylor College of Medicine (Med School); The George Washington University (Residency)
- Alisse Janicki Hauspurg, MD Yale School of Medicine (Med School); Brown University/Women and Infants Hospital (Residency)

Reproductive Endocrinology &

Infertility

 Stephanie Rothenberg, MD – current resident transferring to fellowship

Gynecologic Oncology

- Malcolm Ross, MD current resident transferring to fellowship
- Erin Hartnett, MD Loyola
 University Chicago Stritch School of Medicine (med school); Brown University/Women and Infants Hospital (Residency)

Minimally Invasive Gynecologic Surgery

- Christina Ramirez, MD Harvard Medical School (med school); National Capital Consortium (Residency)
- Lisa Chao, MD University of Illinois (med school); Stanford University (Residency)

Incoming Residents

- Alison Aunkst Garrett, MD Pennsylvania State University College of Medicine
- Kristie N. Charek, MD University of Cincinnati College of Medicine
- Alexandra I. Melnyk, MD, MEd University of Illinois at Chicago College of Medicine
- Taylor J. Orellana, MD Medical University of South Carolina College of Medicine
- Kathleen M. Pombier, MD USF Health Morsani College of Medicine
- Emily K. Redman, MD University of Rochester School of Medicine and Dentistry
- Anna L. Romanova, MD Northwestern University, The Feinberg School of Medicine
- James H. B. Ross, MD New York Medical College
- Katie Jean Turgeon, MD University of Pittsburgh School of Medicine
- Kristen R. Venuti, MD Medical College of Georgia at Georgia Regents University

Upcoming Events

11th Annual Savor Pittsburgh: A Celebration of Cuisine

Thursday, Aug. 25 Stage AE (next to Heinz Field)

VIP Party: 5:30 p.m. VIP Ticket: \$150

General Admission: 6:30 p.m. General Admission Ticket: \$75

Proceeds benefit Magee's fight to end prematurity. For more information or to purchase tickets, visit www.savorpgh.com.

5th Annual WCRC Fly Fishing Classic

Thursday, Sept. 15 and Friday, Sept. 16 HomeWaters Club, Spruce Creek, PA

Proceeds benefit the Women's Cancer Research Center's cutting-edge research focusing on reducing the incidence and deaths from women's cancer.

Alumni Reception

Thursday, Oct. 13 Pittsburgh Golf Club

4:30-6:30 p.m.

All former residents and former faculty, as well as current residents, fellows, and faculty are invited to attend.

For more information about happenings, please contact Colleen Gaughan, Magee-Womens Foundation, at cgaughan@magee.edu or 412-641-8978.

41st ANNUAL ALUMNI DAY

Friday, Oct. 14 Magee-Womens Hospital of UPMC

All former residents and former faculty, as well as current residents, fellows, and faculty are invited to attend.

Visit online registration at https://ccehs.upmc.com/liveFormalCourses.jsf

The classes of 1966, 1991, 1996, 2006, and 2011 will celebrate their reunion years as part of the Alumni Day festivities on Friday, October 14.

Morning Program

Registration begins at 7 a.m.

Welcome - Daniel Edelstone, MD

Impact of Contraceptive Use on HIV Transmission - Sharon Achilles, MD

Drs. Mortimer and Harold Cohen Lecture

Anal Cancer Screening – The Role of High Resolution

Anoscopy - Lisa Flowers, MD

Decision-Making in Periviable Pregnancies - Katherine Himes, MD

Dr. Milton McCall Lecture

Work Force Diversity – Does it Matter Beyond Being Politically Correct? - Laura Riley, MD

OBGYN Legacy Lecture

Magee, Then and Now – Oh, How Obstetrics Changed - Daniel Edelstone, MD

Dr. David Katz Minimally Invasive Lecture
The History of In Vitro Fertilization – We Have Come a
Long Way - Carolyn Kubik, MD

Afternoon Program

Lunch, guided tours of Magee-Womens Hospital and Magee-Womens Research Institute, and an alumni reception from 1 to 3 p.m.





CREOG and APGO Annual Meeting

On March 2-5, Magee and UPMC alumni reunited at the 2016 CREOG and APGO Annual Meeting held in New Orleans. At the meeting Dr. Gabriella Gosman, current Magee residency program director, and Dr. Katarzyna Bochenska, resident alumni, led a session entitled, "Preparing Residents for the Fellowship Application Process." Pictured, left to right: Dr. Philip Rauk, Dr. Gabriella Gosman, Dr. Deborah Landis Lewis, Dr. Margaret Larkins-Pettigrew, Dr. Nicole Donnellan, Dr. Amber Naresh, Dr. Bunja Rungruang, Dr. Ashlyn Savage, Dr. Wendy Vitek, Dr. Kim Gecsi, Diana Brucha, Jodi Boocks, Dr. Marsha Klein-Patel, Dr. Amy Ravin, Dr. Rebecca Waltner-Toews

Philanthropic support is critical to maintaining Magee's standard of excellence in its clinical, research, and educational programs.

Your support will ensure that the medical leaders of tomorrow have access to the most advanced resources available. Making a planned gift is simple and doesn't cost you anything today.

- Bequest Remember Magee through your will.
- 2. IRA Name Magee as a beneficiary on a retirement account.
- Charitable Remainder Trust Create an income stream for your life while also making a gift to Magee.

For more information, contact Colleen Gaughan at cgaughan@magee.edu or 412-641-8978.

Giving to Magee is as Easy as 1, 2, 3

Thursday, October 13 B Friday, October 14

All former residents and former faculty, as well as current residents, fellows, and faculty are invited to attend. See inside on page 10, for more details.

MAKE PLANS TODAY TO ATTEND THE 41ST MAGEE ALUMNI DAY





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