



Gynecologic Oncology Program

Achieving Improved Patient Outcomes with
Hub and Spoke Based Community Outreach

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A Message from Dr. Robert Edwards

Welcome to another issue of the Ob/Gyn Newsletter. In this issue we want to spotlight one of our prominent and well-known prior trainees and attendings, Maryanne Hugo.

Dr. Hugo trained here as a resident in the 80's and has gone on to a very successful and high-profile obstetrics and gynecology general practice career in the greater Pittsburgh area. She is well liked by colleagues and staff and considered one of our premier clinicians prior to her recent retirement. We congratulate Maryanne on a wonderful career here at Magee.

We would also like to highlight the benefits of our subspecialty outreach. This issue we are focusing on the Gynecologic Oncology Outreach Program. Initiated in 2005, this program has allowed us to expand the impact of our gynecologic oncology specialists across Western Pennsylvania into the center of the state. We have been able to show through outcome data that we significantly improved the care of women with gynecologic cancer in terms of overall survival and quality of life particularly, with

the dreaded disease of ovarian cancer. Our specialists now go to 16 outreach sites and range in locations from Hamot in Erie, Altoona, Uniontown, Shenango, Greenville, Seneca and Johnstown.

We will spend the next year as we did the past, encouraging engagement and activation of our alumni for the Department of Ob/Gyn training programs. We encourage you to connect with us by attending Alumni Day (which will feature the inaugural Dr. Alan Kunschner Memorial Lecture this year), our specialty meetings across the country and ACOG meetings where we host receptions so we can catch up with what is going on with you and your career since you left Magee.

In addition, invite you to participate in the inaugural Magee-Womens Research Summit in October. This international conference will feature a research prize to help advance women's health as well as bringing together thought leaders, business leaders and community advocates in our specialty.

Finally, I would like to notice the passing of three giants in the field of Ob/Gyn in the greater Pittsburgh area and particularly at Magee, Dr. Richard Hemphill, Dr. John Scaramucci, and Dr.

Jim Crozier. Those of you who trained in the 70's and 80's will remember these physicians. They were all well-respected clinician teachers and Magee alumni, paragons of clinical excellence and had a lasting impact on many here. Dr. Hemphill in addition, was extremely dedicated to Magee-Womens Research Institute and its founding, and prior to his passing, dedicated a conference room at Magee-Womens Research Institute in memory of his wife. I had the privilege of being present with Dr. Hemphill when the conference room was dedicated in 2017.

In addition, we lost a very dedicated researcher way too young, Dr. Charlene Dezzutti. She coordinated our college and high school internship program at Magee-Womens Research Institute and was passionate about finding answers through her HIV research. We deeply appreciate and acknowledge these individuals. They will all be greatly missed.

A handwritten signature in black ink that reads "Robert P. Edwards".

Milton Lawrence McCall
Professor & Chair
Department of Obstetrics,
Gynecology & Reproductive
Sciences



From Nurse to Doctor

From the time she was a young girl, Dr. Maryanne Hugo had a sense that she wanted to become a nurse. This desire was partially fueled by the knowledge that she didn't want to become a teacher—the chosen profession of many of her family members—and by her personal experience of having wonderful nurses during a multiple week hospital stay.

As the eldest of five children, she was the first to go off to college. To help finance her education, Dr. Hugo applied and was accepted into the Navy's Nursing Scholarship Program. Upon graduation from Duquesne University in 1968, she was assigned to work at a naval base in Illinois. Shortly thereafter, she volunteered for duty on a 500-bed hospital ship that was stationed off the coast of Vietnam where she would spend a year treating wounded soldiers.

Her next duty station was the Naval Hospital in San Diego, where she was in charge of one of the two wards where American POWs who were being released from captivity were being treated. During this three-year assignment, one of Dr. Hugo's supervisors prompted her to start thinking about making some change to the direction of her career. She decided that she wanted to train to become a Nurse Practitioner with a certificate in midwifery.

However, just when she was about to embark on this new direction, the Navy reassigned her to Midway Island for 18 months. Here, she worked with the women who were on the island—mostly the wives

and children of the enlisted men—and she assisted on countless deliveries in the maternity section of the facility.

After her time on Midway ended, Dr. Hugo resigned from the Navy so that she could pursue her continuing education without fear of disruption. In the fall of 1976, she entered a Master's program in Nurse Midwifery at the University of Illinois. After graduation, she started work as a nurse midwife at LA County Hospital in California. It was here that she started to think about entering medical school. "With every patient I cared for, I realized I was practicing medicine and I felt like I didn't have all the information I needed. I wanted to know more about what I was actually doing," Dr. Hugo said.

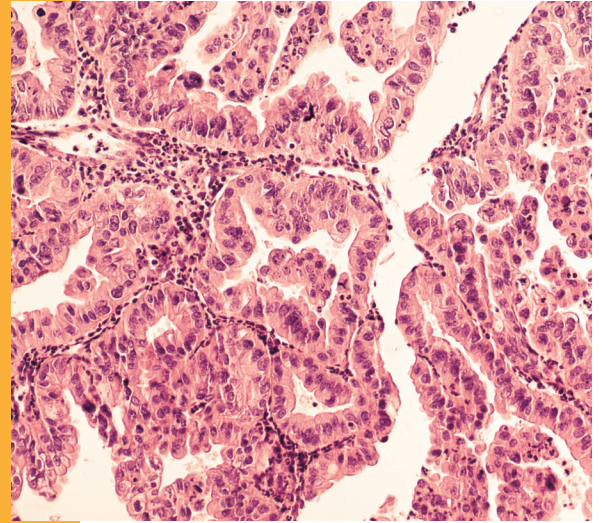
For two years, she worked full-time and carried a full-time post-baccalaureate course load at Cal State LA. She successfully completed the course work and was happy to have the opportunity to be back near her family when she was accepted into Pitt's Medical School in 1984. The fact that she was at least 16 years older than the rest of the class was a fact she kept to herself to avoid ageism.

In talking about her residency at Magee, Dr. Hugo fondly remembers the rich training program she received. As a result of being taught mostly by private doctors, "The residents learned multiple approaches on how to deal with real life situations," Dr. Hugo said. Among the many doctors who shaped Maryanne's career, she specifically recalls Drs. John Malinowski, Marvin Rulin, and Kathleen McIntyre-Seltman for being great teachers.

After completing her residency in 1992, she joined

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Gynecologic Oncology Program: Achieving Improved Patient Outcomes with Hub and Spoke Based Community Outreach



The Department of Obstetrics, Gynecology, and Reproductive Sciences is expanding its efforts to reduce excess morbidity and mortality from gynecologic oncology in underserved areas of Pennsylvania by expanding the role of community based clinics.

Previously published research documented disparities in underserved areas in many health care settings. The field of obstetrics and gynecology is no exception, where significant healthcare disparities exist among women of different socioeconomic, geographic and ethnic groups for gynecologic preventive services, access to minimally invasive surgery, and cancer care.

Community based clinics provide high quality care for many healthcare conditions in underserved areas. Team based care directed from tertiary care facilities but taking place in the community, increases health care

value by improving outcomes and reducing cost.

The Division of Gynecologic Oncology has a long-standing history of providing clinical outreach to rural and underserved areas. Our core group of clinical providers is based at Magee-Womens Hospital of UPMC and provides outreach services throughout Western Pennsylvania.

As one of the largest divisions in the nation, the University of Pittsburgh's Division of Gynecologic Oncology is large enough to allow each of its members to provide care in a specific geographic area outside of Allegheny County. Examples include Johnstown (UPMC's Mirtha Cancer Center), UPMC Altoona, UPMC Horizon in Greenville, UPMC Hamot in Erie, and Uniontown Hospital.

This outreach has recently extended to the mid portion of the state with UPMC's recent acquisition of Susquehanna Health in Williamsport, PA and Pinnacle Health in Harrisburg.

There are essentially two outreach models for gynecologic cancer care. In one model, patients

are seen in their communities by a gynecologic oncologist and their care is delivered in the community under the direction of the subspecialist who coordinates social services, radiation therapy, medical oncology and the patient's primary care. This team based community approach has an extremely high level of patient satisfaction as patients can receive their cancer care closer to home while at the same time receiving high value care at a UPMC Cancer Center.

Alternatively, inpatients who require treatment in a tertiary care facility, such as those patients with advanced stage ovarian cancer who would benefit from hyperthermic intraperitoneal chemotherapy (HIPEC) and standard intraperitoneal chemotherapy, care is delivered at either UPMC Magee or UPMC Passavant.

Preliminary data demonstrate that patients that are treated for ovarian cancer at tertiary care centers like Magee and Passavant that provide intraperitoneal chemotherapy have better survival outcomes than patients treated outside these tertiary care facilities.

Patients can and do flow between the two models depending on their medical needs throughout their disease course.

This would not be possible without the use of a common outpatient EMR platform, which exists at all outreach sites. In addition, concierge services are able to follow up with patients who live over wide geographic areas, refer them to appropriate providers, and address transportation, as well as other barriers to care.

Finally, care delivery and patient engagement is improved for patients treated over a broad geographic area because of access to MyUPMC online which allows patients to access appointment scheduling, lab results, and health history. Using a mixed methods analysis of electronic health record data, surveys, and qualitative interviews, we examined the impact of allowing patients to view their test results via patient portal in the UPMC Health System. Qualitative interviews occurred with patients who had received an HbA1c or abnormal Pap result. Survey participants were active patient portal users. Usage data show 80% of all patient portal users viewed test results during the year. Of survey respondents, 82.7% noted test results to be a very useful feature and 70% agreed that patient portal has made their provider more accessible to them. Interviewed patients reported feeling they should have direct access to test results and identified the ability to monitor results over time and prepare prior to communicating with a provider as beneficial¹.

Outreach to underserved areas has also significantly altered the surgical approach in women who require hysterectomy for both benign and malignant disease in Western Pennsylvania. The department has instituted a hysterectomy pathway designed to reduce the use of open hysterectomy and instead promote minimally invasive hysterectomy (MIH) such as laparoscopic, robotic and vaginal approaches. All of these approaches are known to have fewer complications, greater patient satisfaction and are less costly.

Drs. Faina Linkov, John Comerci, Suketu Mansuria, Robert Edwards, Nicole Donnellan, and others recently published four articles where they demonstrated the reduction in total abdominal hysterectomy rates after the implementation of hysterectomy pathway treatment algorithm in 2012 for benign conditions, as well as demonstrated improvement of surgical outcomes including reduction in the number of surgical site infections, hospital readmissions, and length of hospital stay²⁻⁵.

The pathway was implemented first at Magee but has subsequently been expanded to UPMC Horizon, Northwest and Hamot, all of which have seen a reduction in open hysterectomy rates. In addition, minimally invasive benign and

“Preliminary data demonstrate that patients that are treated for ovarian cancer at tertiary care centers like Magee and Passavant that provide intraperitoneal chemotherapy have better survival outcomes than patients treated outside these tertiary care facilities.”

– Dr. John Comerci

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Dr. Steve Caritis catches up with Amber Samuel, 2010 and Heather Levin, 2012, at the MFM alumni reception



Faculty, staff and former trainees gathered in National Harbor, MD, in March for the CREOG annual meeting



Former and current fellows of the MFM program joined current and former residents and faculty at the annual SMFM meeting in Dallas, TX, in February

Future Alumni



ALUMNI PHOTOS

Magee alumni can be found at conferences and gatherings throughout the country. Alumni often speak of the camaraderie that exists among this group. At a recent event, an alumnus shared this:

"Thank you for the wonderful events. Never a day goes by that I am not proud to say I completed my residency at Magee-Womens Hospital."

– Lydia Sims, Class of 1988.

Dr. Halina Zyczynski spent an afternoon visiting with Dr. Marvin Rulin as he enjoys retirement in Florida



ACOG attendees gather in Austin, TX – Drs. Jessica Lee, Joe Sanfilippo, Emily Bernard, Denise Howard, Amy Ravin, Lydia Sims, and Dale Stovall



Attendees of the University of Pittsburgh Winter Academy MWRI Satellite Event in Naples, FL – Drs. Yoel Sadovsky, Adrian Lee, James Roberts, Halina Zyczynski, Robert Edwards and Mary Ann Portman



THE MAGEE-WOMENS RESEARCH SUMMIT: IGNITING A NEW ERA IN HUMAN HEALTH AND WELLNESS

Imagine a world in which science can accurately predict, in utero, a person's risk for developing disease a half-century later – then mapping out strategies that reshape the course of that future.

As a leader in women's health research, Magee-Womens Research Institute (MWRI) has embarked on a new initiative to inspire the global agenda on reproductive biology and women's health issues. As a part of this initiative, MWRI will host the Magee-Womens Research Summit, an international conference of global research scientists focused on women's health. **The event will take place on October 9-10, 2018 in Pittsburgh, Pennsylvania.**

The centerpiece of the event will be the awarding of a \$1 million prize for collaborative, bold and transformative research in an area of inquiry within the reproductive sciences. The funding for the Magee Prize is provided by the generosity and forward-thinking leaders at the Richard King Mellon Foundation who, inspired by MWRI's focus on women's health and its impact on population health, wish to bolster discovery and innovation in this understudied area of human health. This prize emphasizes the 9 months of pregnancy and early human development, and its impact on 90+ years of health and wellness. To qualify, proposals should include a component of early human development, and/or a longitudinal, lifespan approach to any project within the reproductive sciences and women's health. Applications are encouraged in any relevant biological discipline, from basic or translational biology to clinical and health services research. The research must be collaborative and transdisciplinary, and include one or more research groups from anywhere in the world working with an MWRI team.

This international conference is designed to attract top physicians, scientists and thought leaders from around the world to tackle key issues influenced by precision medicine-based discoveries across three pillars:

- 9-90 Origins of Wellness & Disease
- Sex Differences Beyond X and Y
- Aging Reimagined in the Age of Precision Medicine

All Magee physician alumni, former trainees, faculty and other interested individuals are encouraged to attend. To find out more, please visit mageesummit.org.



Resident Alumni Spotlight

a private practice and stayed at Magee for the length of her career. In 1994, Maryanne met and married her husband, Patrick. Today, Dr. Hugo is enjoying retirement. She loves reading (British mysteries are a favorite), exercising, spontaneous travel, gardening, lunch with friends, and all the things for which she never had enough time!

When asked about why Magee was such a good place to learn and practice, Dr. Hugo reiterated the importance of hearing different opinions and perspectives from the private physicians, and she also had a sense that Magee was always very innovative. When asked what she is most proud of during her career, she replied, "I am proud of the good relationships that I had with the women who came to me. I always wanted to help my patients understand why I was asking them to take a certain course of action, and to help them be a real part of the decision process."

Gynecologic Oncology Program

oncologic gynecologic surgeons that provide outreach services to underserved areas perform MIH in the community, further expanding the surgical options for patients in these areas.

By utilizing a hub (Magee, Passavant) and spoke (UPMC centers outside of Allegheny county) model of care delivery, gynecologic oncology outreach has broadened the geographic scope and quality of care in Western Pennsylvania. This has been accomplished by using old fashioned "shoe leather" coupled with a common EMR that is utilized at all outpatient UPMC sites and reinforced by continually increasing patient engagement via the MyUPMC web portal.

¹ Pillemer F, Price RA, Paone S, et al. Direct Release of Test Results to Patients Increases Patient Engagement and Utilization of Care. PLoS One. 2016;11(6):e0154743.

² Linkov F, Sanei-Moghaddam A, Edwards RP, et al. Implementation of Hysterectomy Pathway: Impact on Complications. Womens Health Issues. 2017;27(4):493-498.

³ Sanei-Moghaddam A, Goughnour S, Edwards R, et al. Hysterectomy Pathway as the Global Engine of Practice Change: Implications for Value in Care. Cent Asian J Glob Health. 2017;6(1):299.

⁴ Sanei-Moghaddam A, Kang C, Edwards RP, et al. Racial and Socioeconomic Disparities in Hysterectomy Route for Benign Conditions. J Racial Ethn Health Disparities. 2017.

⁵ Sanei-Moghaddam A, Ma T, Goughnour SL, et al. Changes in Hysterectomy Trends After the Implementation of a Clinical Pathway. Obstet Gynecol. 2016;127(1):139-147.

Three ways to give. So many lives to touch.

1. Bequest – You can remember Magee through your will.
2. IRA – Name Magee as a beneficiary on a retirement account.
3. Charitable Remainder Trust – Create an income stream for your life while also making a gift to Magee.

There are many other gift options to choose from including life insurance, gifts of real estate, and gifts of stock. For more information about making a meaningful gift to Magee, contact Colleen Gaughan at cgaughan@magee.edu or 412-641-8978.

Upcoming Events

Research Day in Reproductive Biology and Women's Health

Friday, May 18, 2018

7:30 a.m. to 4:30 p.m.

Magee-Womens Hospital of UPMC

Dr. Donald C. Hutchinson and

T. Terry Hayashi Auditorium

This year our research day theme is germline manipulation/genome editing. We are very excited to host two outstanding keynote lecturers in this field, who will discuss the science as well as legal and ethical questions related to the technology: George Church, PhD, Wyss Institute at Harvard University, will be presenting the Margaret Prine Joy Lecture and R. Alta Charo, JD, University of Wisconsin School of Law will be presenting the Celebration of Life: Honoring Mothers Lecture. Three MWRI investigators, Jerry Schatten, Mellissa Mann and Kyle Orwig, will add a unique perspective and research in this field. Rounding out the program will be presentations by our own trainees.

Inaugural Magee Summit

Tuesday, October 9 & Wednesday, October 10 2018

David L Lawrence Convention Center, Pittsburgh

This international conference is designed to attract top scientists and thought leaders from around the world to tackle key issues influenced by the early stages in life, across three major themes: 9-90, and the Origins of Wellness & Disease; Sex Differences, Beyond X and Y; and Reimagining Aging. The event will allow MWRI to contribute to the international agenda on early human development and its implications for health and disease risk across the lifespan, and the role of development in precision medicine, and its impact on women's wellness and disease for the coming generations. The conference will also serve to attract trainees to our field and build community advocacy in support of research and women's health. The highlight of the conference will be the awarding of the first Magee Prize, a \$1 million prize for a collaborative, transformative research project in an area of inquiry within the reproductive sciences.

<https://mageesummit.org>

43rd Annual Alumni Day

Friday, October 5, 2018

Magee-Womens Hospital of UPMC

Make plans to attend the 43rd Annual Alumni Day which will feature the Inaugural Alan Kunschner, MD, Memorial Lecture. All former trainees – residents and fellows – as well as former faculty are invited back to meet and mingle with current trainees and faculty.

We will honor the classes having reunions - 1968, 1978, 1988, 1993, 1998, 2008 and 2013. Speakers include Drs. R. Marshall Austin, Sara Sakamoto, Steve Hasley, Amanda Ecker, Courtney Schreiber and Levi Downs, Jr.

Alumni Reception

Thursday, October 4, 2018

Pittsburgh Golf Club

4:30 to 6:30 p.m.

See information above regarding Alumni Day. Plan to attend this informal event to meet and mingle.

AUGS Alumni Event

October, Chicago – TBD

AAGL Alumni Event

November, Las Vegas – TBD

[Visit \[mageewomens.org/events\]\(http://mageewomens.org/events\) for more info.](http://mageewomens.org/events)

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Help us keep you informed! Please join our email list to stay up-to-date on the great things happening at Magee. It's easy. Just email Colleen Gaughan at cgaughan@magee.edu.

In Memoriam

It is with great sadness that we recognize the recent passing of four members of the Magee family.

Dr. Richard Hemphill passed away on January 10, 2018, at home with his family at his side. He was born September 28, 1927 in Apollo, PA. He is an alumni of the University of Pittsburgh School of Medicine and completed graduate training at Magee-Womens Hospital and the University of Pennsylvania. He had numerous honors and awards during his career. Perhaps he was best known on the Magee campus for his role in helping to establish the Magee Womens Research Institute for which he became an honorary member and served on the board until 2001. A conference room at Magee Womens Research Institute was recently dedicated to Dr. Hemphill memorializing his legacy here at Magee, with a dedication ceremony which he attended just two months ago.

Dr. John Scaramucci passed on January 29, 2018. Trained by Dr. Milton McCall, Dr. Scaramucci was considered one of the most accomplished surgeons at Magee in the 70s and 80s. Amazingly by today's standards, he maintained a solo busy Ob/Gyn practice for over 35 years and was very committed to the Magee training program throughout his career. Many of the Magee employees sought "Dr. John" out as their physician due to his dedication to his patients and his unfailing availability day or night. He was all about patient-centered care before there was such a term. In recent years, Dr. Scaramucci continued to be active in Magee alumni functions until illness made it impossible to attend, a true Magee legend we will all miss.

Gina Runyan, a beloved nurse from the Womancare Birth Center passed away on March 16, 2018. Graduating from Carlow College 35 years ago, Gina spent her entire nursing career at Magee-Womens Hospital in Labor and Delivery with the last handful of years working in the Prenatal Monitoring Unit. Her vibrant smile and genuine love of life made her a joy to work with. Her family and friends, especially her work family, meant everything in the world to her. She absolutely loved coming to work! Her patients benefited from her kind words and therapeutic touch.

Charlene Dezzutti, PhD, passed away on March 15, 2018. Following a distinguished 13 year career at the Centers for Disease Control in Atlanta, Charlene joined the faculty of the University of Pittsburgh School of medicine in 2005. Charlene was a professor at the University of Pittsburgh in the Departments of Obstetrics, Gynecology and Reproductive Sciences and the Graduate School of Public Health in the Department of Infectious Diseases and Microbiology. Her passion was science and she was committed to finding new ways to fight global diseases including HIV. Charlene's lab at Magee-Womens Research Institute performed groundbreaking research which contributed to the development of new ways to prevent HIV infections in women. Charlene was also passionate about training the next generation of scientists, and she directed the high school and college training internship program for young scientists at the Magee-Womens Research Institute for seven years.





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Sneek Peek at *What's Inside*

- See more alumni photos on page 6.
- Learn about the inaugural Magee Summit and the \$1 million Magee Prize on page 8.
- Calendar of events on page 10.



Magee was well represented at SMFM's 38th Annual Pregnancy Meeting in Dallas, TX