



BIOSTATISTICS SEMINARS

All seminars are held from 4PM – 5PM
485 Lexington Ave, Conference Room B (2137)

- ❖ May 6, 2015 [Hongyu Zhao](#)
Yale School of Public Health
- ❖ May 13, 2015 [Sean Devlin](#)
MSK
- ❖ May 27, 2015 [Sally Morton](#)
University of Pittsburgh
- ❖ June 3, 2015 [Barry Taylor](#)
MSK
- ❖ June 10, 2015 [Kathy Panageas](#)
MSK
- ❖ June 17, 2015 [Zhigang Zhang](#)
MSK
- ❖ June 24, 2015 [Alexia Iasonos](#)
MSK

HEALTH OUTCOMES RESEARCH GROUP SEMINARS

All seminars are held from 12PM – 1PM
485 Lexington Ave, Conference Room B (2137)

- ❖ May 8, 2015 [Allison Snyderman](#)
MSK
- ❖ May 19, 2015 [Noel Brewer, PhD](#)
University of North Carolina- School of Public Health
- ❖ June 5, 2015 [Behfar Ehdaie](#)
MSK
- ❖ June 19, 2015 [Shari Goldfarb](#)
MSK

SURVIVORSHIP, OUTCOMES AND RISK SEMINARS

- ❖ June 16, 2015 [Immaculata De Vivo, PhD](#)
4:00pm – 5:00pm
430 East 67th St, RRL-101
"Telomeres and Human Health: What We Know So Far"
*Associate Professor,
Department of Epidemiology
Harvard School of Public Health
Associate Professor,
Department of Medicine
Harvard School of Medicine*

PROMOTIONS

- [Allison Snyderman](#): Assistant Member
- [Ray Baser](#): Research Biostatistician II
- [Anne Eaton](#): Research Biostatistician II

STAFF ACHIEVEMENTS

[Wes Fang](#) is a finalist in the institution's Clinical Research Innovation Challenge. He and OCR's Blair Station will be presenting their idea, [CRDB Study and Subject Calendar : An In-house EDC system](#) on June 5th and will be featured at this year's Clinical Research Professionals Week.



DEPARTMENT CHAIR

Colin Begg, PhD

EDITORS

Sharon Bayuga, MPH
Prusha Patel, MPH
Narre Heon
Lauren Rogak, MA
Mary Shaw
Amethyst Saldia
Shireen Lewis
Joseph Kanik

HIGHLIGHT

[Elli Papaemmanuil PhD](#) has been appointed Assistant Attending in Epi Bio and is affiliated with the Computational Oncology Service. Dr. Papaemmanuil graduated from the University of Glasgow with a first class honors degree in Human Molecular Genetics and Pharmacogenetics, which included a one-year placement in Astra Zeneca Pharmaceuticals. Dr. Papaemmanuil received her PhD from the Institute of Cancer Research, University of London, where she studied the role of germline predisposition to colorectal cancer and childhood acute lymphoblastic leukemia. Dr. Papaemmanuil is also certified by the British computing society and has worked as an information technology and management consultant with Deloitte Consulting LLP.



Elli Papaemmanuil, PhD

With the interest to pursue further research in cancer genomics, Elli moved the Wellcome Trust Sanger Center to join the Cancer genome project (CGP). Working with Peter Campbell, Elli co-led the International Cancer Genome Consortium effort on myeloid disorders. Her research has primarily focused on the identification of new driver genes, their correlation with clinical phenotypes and outcome, as well as the development of analytical methodologies to study temporal models of clonal evolution and how these associate with signatures of genomic instability.

Throughout her research career, Dr. Papaemmanuil initiated and managed national and international research consortia to systematically and successfully evaluate the role of individual genomic findings in cancer biology. She recently joined MSK on March 1st, 2015 from the Wellcome Trust Sanger Institute and the Department of Hematology at Cambridge University. Dr. Papaemmanuil is also affiliated with the Marie-Josée and Henry R. Kravis Center for Molecular Oncology, the Geoffrey Beene Cancer Research Center, and the Leukemia Research Center. In her current research she is surveying the extended molecular landscape in thousands of well-annotated patient samples to study the genomic substructures that dictate clinical phenotype and to develop models that deliver refined risk estimates tailored to individual genomic and clonal profiles. Dr. Papaemmanuil is also developing an integrative single cell profiling laboratory and analytical methodologies to support detailed phenotyping studies of critical genotypes, as identified in the population studies. Elli's office is located in Z501 and her lab is on the 5th floor in Z545B.

ACHIEVEMENTS

[Jaya Satagopan](#) has been selected as a Fellow of the American Statistical Association in April, 2015. Jaya has been a valuable member of the Department of Epidemiology and Biostatistics at MSK with several peer reviewed publications that have had a significant impact in the area of molecular and clinical epidemiology. Over the years, she has received numerous grants as PI and as co-investigator to conduct methodological and collaborative empirical research in clinical and molecular epidemiology and oncology, including studies of gynecologic cancers, liver cancer, pancreatic cancer, prostate cancer, Fanconi Anemia, nevus phenotypes, and cognitive functions in cancer patients. In 2013, she received a NIH grant in collaboration with MD Anderson Cancer Center to organize and co-chair an educational symposium at MSK that brought more than 80 established and junior investigators to discuss Advances in Statistical Methods for Cancer Genetic Epidemiology. Jaya has mentored many students and junior faculty during her career and she takes pride in bringing collaborators together to solve interesting and timely statistical problems in cancer research. In 2011, she was a co-editor of a book entitled Statistical Human Genetics: Methods and Protocols (Methods in Molecular Biology). She has also collaborated with investigators from MSK and other academic and research centers, including Case Western Reserve University, University of California - San Francisco, University of Michigan, and The Jackson Laboratory. Jaya currently serves on many scientific review panels and editorial boards. Jaya received her Doctorate Degree (PhD) from the Department of Statistics, University of Wisconsin, Madison in 1995. In her free time, she enjoys traveling, juggling, bicycling, listening to music, reading, and cooking.



Jaya Satagopan, PhD

FUNDING SUCCESS

[Talya Salz](#) and [Shrujal Baxi](#) (co-PI's) received an NCI R21 entitled "Simplifying Care for the Complex Cancer Survivor." Survivors of head and neck cancer commonly experience severe long-term toxicities, late-occurring symptoms, and significant risks of second primary malignancy and comorbid illnesses. Drs. Salz and Baxi are working with WebCore to develop the Head and Neck Survivorship Tool: Assessment and Recommendations (HN-STAR). HN-STAR uses a web-based system to integrate patient data from multiple sources and present a personalized, simplified discussion guide for the nurse practitioner who oversees routine follow-up. HN-STAR also creates a survivorship care plan for each survivor, documenting the survivor's cancer history and care received in the survivorship clinic. They will be testing the feasibility of using HN-STAR in the survivorship clinics at MSK and Hartford Hospital's Gray Cancer Center, in preparation for a future multi-center trial.

[Andrew Vickers](#) received a grant from the Livestrong Foundation and Movember Foundation. Movember is funding MSK to participate in the TRU NTH initiative to improve prostate cancer outcomes. There are four separate initiatives including sexual rehabilitation, decision support, survivorship and patient self management. MSK will be involved in advising on the nature of the interventions and in running clinical trials to determine whether they improve patient outcomes.

PUBLICATIONS

["SCIENTIFIC REVIEW OF PHASE I PROTOCOLS WITH NOVEL DOSE ESCALATION DESIGNS: HOW MUCH INFORMATION IS NEEDED?"](#)

[Alexia Iasonos](#) and [Mithat Gönen](#) co-authored an editorial with George Bosl which discusses how to review Phase I protocols for validity and safety with model-based dose escalation designs. It has been accepted for publication by JCO. Recent developments in Phase I designs have enabled investigators to find the maximum tolerated dose more efficiently and these designs are frequently used in practice. These designs often rely on novel statistical models with several tuning parameters to guide the dose escalation. The review of such protocols by scientific review committees and institutional review boards can be challenging due to model complexity. In this paper they suggest some level of standardization in the presentation of model based Phase I clinical protocols and indicate where additional research is needed to better establish the scientific basis of the proposed designs. They make specific recommendations for the materials that need to be included in a protocol so that scientific review committees can conduct a fair evaluation of the protocol quality.

NEW STAFF

Cynthia Berry, Administrative Manager

Cynthia has been with MSK since June, 2004. She comes from the Research Fund Management group. In April, she started in the department as Administrative Manager job sharing with Shireen Lewis. They will each be responsible for managing and directing the operations of the department, including supervising the administrative staff, and analyzing operating financial expenditures. Cynthia will be onsite Wednesday, Thursday, and Friday.



RESEARCH ADMINISTRATORS' PROFESSIONAL DAY

MSK will host its 4th annual Research Administrators' Professional Day (RAPD) on May 29th in Zuckerman. This event is meant to honor the many contributions of our research administrative staff to the work that we do across the institution.

Visit the [RAPD webpage](#) to view the schedule of events and speakers, register for lab tours and other presentations, and access other RAPD resources.

CLINICAL RESEARCH PROFESSIONALS WEEK 2015

The week of June 8 – 12, 2015, MSK will celebrate Clinical Research Professionals Week (CRPW) to recognize the efforts of research support staff. Events will include: TEC forum, Clinical Research Innovation Challenge, lunch reception, poster presentation, Quizzo Trivia Game, and Clinical Research Expo. Liz Fortier and Sean Ryan will be presenting posters at the event.

AMPLIO

Amplio (<http://www.mskcc.org/amplio-system>) is an information technology system that provides clinicians with feedback on their outcomes that is risk adjusted and compared to their peers. Amplio was initially developed as a project to help urologists understand their performance for radical prostatectomies in 2011. Once urologists began using Amplio, they requested it for nephrectomies and cystectomies. As Amplio gained more attention from the institution, it was requested that Amplio be available to surgeons for all major surgical procedures by the end of 2016. Along with the Urology department, Amplio is currently available for operations of the endometrium, ovary, pancreas, and stomach.

More recently, the team has grown from two analysts to six and the system was redesigned after being removed from Caisis to become its own application. The team, consisting of Jessica Poon, Matt Black, Matt Kent, Hanssen Li, Ryan Weber, and Nishant Mishra, and led by Dr. Andrew Vickers, created a fresh user interface and constructed new data pipelines. This has provided the Amplio team with greater flexibility to keep up with its rapid expansion.

Moving forward, Amplio plans to move beyond surgery to include the departments of radiology and medicine. Furthermore, the Amplio team is currently in the process of collaborating with other institutions to bring their surgeons on board.

RESTAURANT RECOMMENDATIONS

❖ **Num Pang:** Cambodian sandwiches featuring marinated meat, seafood, veggies, or tofu on a baguette with cucumber, pickled carrots, cilantro, and chili mayo. Flavors are on the sweeter side, and the bread is baked fresh daily. 140 E 41st St btw Lex & 3rd Ave

❖ **Ashley's Fine Food:** The initial experience here may be overwhelming. There are large hot and cold food buffets, as well as multiple counters to order a variety of foods. Options vary from Asian fusion to salads to soul food. 500 Lexington Ave btw 47th & 48th St

❖ **Amish Market:** Do you miss Gourmet Garage? Many similar offerings can be found at this grocery store, which also features hot and cold food bars, as well as sandwiches and pizza. 240 E 45th St btw 2nd & 3rd Ave

Treat yourself!

❖ **Soba Totto:** Perfect for a nice, sit down lunch. There is an extensive selection of lunch sets, such as chirashi, sashimi, or teriyaki, served with hot or cold buckwheat noodles in broth and the daily special appetizer, such as hijiki. Yakitori is also available. 211 E 43rd St btw 2nd & 3rd Ave

