

Genomics in Medicine 2016-2017

FALL 2016

- Aug. 31 Molecular Biology/Genetics Refresher
- Sept. 7 Molecular Biology/Genetics Refresher - Cancer
- Sept. 14 The Genetic Basis of Disease
- Sept. 21 Statistics for Genomics Research
- Sept. 28 Genomes & Genome Browsers
- Oct. 5 Genome Sequencing Technologies
- Oct. 12 Genetic Variation & Disease
- Oct. 19 Copy Number Variation
- Oct. 26 Research Software Resources
- Nov. 2 Proteomics & Mass Spec
- Nov. 9 Genome Engineering & iPSCs
- Nov. 16 From Genomic Data to Biological Knowledge
- Nov. 23 NO SEMINAR - THANKSGIVING WEEK
- Nov. 30 Epigenetics
- Dec. 7 Analysis of the Transcriptome

SPRING 2017

- Jan. 18 Germline Genomics & Non-Cancer Case Studies
- Jan. 25 Genomics of Microbes & Microbiomes
- Feb. 1 Analysis of the Human Virome
- Feb. 8 Biospecimen Resources for Biomarker Validation
- Feb. 15 Cancer Genome Sequencing - Clinical Implications
- Feb. 22 Ethics & Regulation of Genomic Research
- Mar. 1 Susceptibility Genetics
- Mar. 8 Informatics Resources for Clinical Interpretation of Cancer Genome Variants
- Mar. 15 NO SEMINAR - SPRING BREAK
- Mar. 22 Precision Medicine & Healthcare Transformation
- Mar. 29 Cancer Case Studies
- Apr. 5 Metabolomics
- Apr. 12 Consumer Genomics
- Apr. 19 Clinical Genomic Testing - GPS@WUSTL
- Apr. 26 Panel Discussion - the Future of Genomic Medicine

Schedule subject to change. Up-to-date schedule and speaker listing at <https://becker.wustl.edu/GenomicMedicine>.

When: Wednesdays at 4:00 PM

Where: Holden Auditorium

Who can attend: This lecture series is designed for clinicians and other interested persons, including basic science researchers, students, residents, fellows, post-doctoral scholars, and anyone else who wishes to learn more about these topics from WUSM faculty experts.

Students interested in enrolling in the seminar series for credit can earn up to two units of academic credit. Contact crtcmsci@email.wustl.edu to learn more and register.

Visit the seminar series webpage to see the most up-to-date schedule and speaker listing and to sign up for the mailing list to receive updates and reminders: <https://becker.wustl.edu/GenomicMedicine>.

Contact vanam@wustl.edu or ndonwimaze@wustl.edu with questions.

This seminar series offers attendees a practical background in molecular biology and genetics, an introduction to genomics technologies and research, and an understanding of the clinical application of genomics knowledge.

This seminar series is a collaboration between the Departments of Genetics, Medicine, Pathology & Immunology, Pediatrics, and Becker Medical Library. The series is sponsored by the Washington University Institute of Clinical and Translational Sciences, NIH award ULI TR000448.

 Washington
University in St. Louis
SCHOOL OF MEDICINE

BERNARD BECKER
MEDICAL LIBRARY
delivering knowledge, informing decisions

 Institute of Clinical and
Translational Sciences