

**Monday, October 26** Portal opens at 11:45 am EDT • Retreat starts at 12:00 noon & ends at 5:30 pm

Welcome by CABTRAC President Steve Triezenberg

**Funding for Cancer Research Training - Updates from the NCI Center for Cancer Training**  
Oliver Bogler (12:10 pm 50 minutes)

**Update by NCI Office of Cancer Centers Director** Presentation and Q&A  
Henry Ciolino (1:10 pm 25 minutes)

Concurrent Breakouts: (1:45 pm 50 minutes)

<b>Cancer Research Training and Education Coordination in the CCSG panel</b> Lisa Harlan-Williams and Wendy Law	<b>NCI T32 Program and Administrative Reminders</b> Mark Damico	<b>NCI R25 Research Experiences Grant Workshop</b> Don Ayer and Mary Reyland	<b>Best Practices for Submitting Successful F and K Awards</b> Amy Bouton and Mariam Eljanne
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**Supporting Trainee Resilience, Health and Well-being** Workshop  
Sharon Milgram (2:45 pm 75 minutes)

Concurrent Breakouts: (4:10 pm 50 minutes)

<b>Surviving Virtual Site Visit Reviews for Cancer Center Grants panel</b> Jon Houtman, Lawrence Kirschner, Hari Nakshatri, Bernard Weissman and Dan Welch	<b>T32 Workshop: New Applications</b> James Manfredi and Mary Reyland	<b>Importance of T32 Grants to Clinical Trainees</b> Mary Armanios, , Brian Grieb, Charles Mulligan and Kimryn Rathmell	<b>T32 Workshop: Renewal Applications</b> Amy Bouton, Adrienne Cox and Kay Macleod
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**CABTRAC Business Meeting** - Members only (5:00 pm 30 minutes)

**Tuesday, October 27** Portal opens at 11:45 am EDT • Retreat starts at 12:00 noon & ends at 5:00 pm

Welcome, Introductions & Morning Announcements

**Trainee Poster Videos** Presentation and Q&A (12:10 pm 50 minutes)

Hannah Hicks, University of Colorado Anschutz Medical Campus  
Mackenzie Honikel, Roswell Park Comprehensive Cancer Center  
Meghan Kellett, University of Colorado Anschutz Medical Campus  
Rosalyn Sayaman, City of Hope  
Angela Schab, Washington University in St. Louis  
Lyla Stanland, Duke University

**Recruiting Strategies to Enhance Diversity** Panel (Pre-doc focus) (1:10 pm 50 minutes)  
Adrienne Cox, Janet Cross, Mary Reyland with Antonio Baines, Josh Hall and Kristine Sikora

**Grant Writing for Trainees: F30-32, F99/K00, and K Awards** Workshop *all trainees to attend*  
Jennifer Black, Tullia Bruno & Maggie Chasse (1:10 pm 50 minutes)

**Speed Mentoring** Discussion (2:10 pm 75 minutes) *for assigned mentors and mentees only*

**Career Round Tables** Discussion (3:35 pm 75 minutes) *for trainees only*

Adjourn 5:00 pm EDT

## CANCER BIOLOGY VIRTUAL RETREAT

### Monday, October 26

- 12:10 pm     **Funding for Cancer Research Training - Updates from the NCI Center for Cancer Training**  
*Oliver Bogler, PhD, Director, Center for Cancer Training, National Cancer Institute*  
Join Dr. Bogler to hear the latest updates on success rates, RFA reissues, adjustments to T32, K25 and K12, other items on the radar and the response to the COVID-19 pandemic. This session concludes with a Q&A period – be prepared to share feedback on NCI training programs.
- 1:10 pm     **Update by NCI Office of Cancer Centers Director**  
*Henry Ciolino, PhD, Director, Office of Cancer Centers, National Cancer Institute*  
The Cancer Research Training and Education Coordination is a required component of the Cancer Center Support Grant. Introduced into the CCSG in 2017, the critical factor is the extent and quality of cancer research education, training and career development at NCI-designated cancer centers. This talk will summarize recent highlights and best practices from recent CCSG reviews and concludes a Q&A period.
- 1:45 pm     **Cancer Research Training and Education Coordination in the CCSG**  
*Lisa Harlan-Williams, PhD, Assistant Director for Administration & Education and Research Assistant Professor, Department of Anatomy & Cell Biology, University of Kansas Cancer Center*  
*Wendy Law, PhD, Cancer Consortium Administrator, The Fred Hutch Cancer Consortium*  
Join Lisa, Wendy and panelists to learn the latest practices for tracking trainees and trainee metrics, integrating CRCE with COE, and integrating CRCE with research programs. Concludes with a Q&A period.
- 1:45 pm     **NCI T32 Program and Administrative Reminders**  
*Mark Damico, PhD, Program Director, Cancer Training Branch, Center for Cancer Training, NCI*  
Hear the latest on T32s and get your T32-related questions answered.
- 1:45 pm     **NCI R25 Research Experiences Grant Workshop**  
*Don Ayer, PhD, Professor, Department of Oncological Sciences, Director of Faculty Affairs, Senior Director of Cancer Training and Career Enhancement, Huntsman Cancer Institute, University of Utah*  
*Mary E. Reyland, PhD, Professor, Department of Craniofacial Biology, Director, Graduate Program in Cancer Biology, University of Colorado Anschutz Medical Campus*  
Touching on the three R25 mechanisms, this breakout will address strategies for success in putting a program together, getting funded, and lessons learned from running the programs.
- 1:45 pm     **Best Practices for Submitting Successful F and K Awards**  
*Amy H. Bouton, PhD, Harrison Distinguished Teaching Professor in Microbiology, Immunology & Cancer, Associate Director for Education and Training, UVA Cancer Center*  
*Mariam Eljanne, PhD, Program Director, Cancer Training Branch, National Cancer Institute*  
This session will help mentors and administrators prepare trainees for success in F (F31, F32), K, and transition (F99/K00 and K99/R00) awards. Presentation includes (1) information about the nature and rationale for each component of the application and (2) insights into key metrics of successful applicants, followed by an interactive question and answer period addressing questions regarding aspects of the submission, review and award process. At the completion of this session, participants will be well-versed in how to start their trainees on a path toward success in obtaining a fellowship and/or transition award through the NCI.

## CANCER BIOLOGY VIRTUAL RETREAT

### Monday, October 26 continued

- 2:45 pm **Supporting Trainee Resilience, Health and Well-being**  
*Sharon Milgram, PhD, Director, Office of Intramural Training & Education, NIH*  
Learn about the stressors and challenges our trainees face and what PIs and program directors can do to support the health and well-being of biomedical trainees. The discussion will be followed by an interactive breakout session facilitated by psychologists and counselors with experience working with scientists covering a variety of topics, including encouraging language, developing a wellness plan, and addressing incivility and microaggressions in research groups. Please watch the **Supporting the Mental Health and Wellness of Biomedical Trainees** video in advance to prepare for the session (1 hour 8 minutes):  
<https://www.youtube.com/watch?v=IjppE17PULM&t=1109s>
- 4:10 pm **Surviving Virtual Site Visit Reviews for Cancer Center Grants**  
*Jon Houtman, PhD, Associate Professor of Microbiology & Immunology and Internal Medicine, Associate Director of Career Enhancement, Holden Comprehensive Cancer Center, University of Iowa*  
*Lawrence S. Kirschner, MD, PhD, Professor of Medicine, Division of Endocrinology, Diabetes, and Metabolism, Director, Medical Scientist Training Program, Director, CAMELOT (Cancer Research Training and Education), OSU Comprehensive Cancer Center, Director, OSU Center for Clinical and Translational Science TL-1 Program, The Ohio State University*  
*Harikrishna Nakshatri, PhD, Marian J. Morrison Professor of Breast Cancer Research, Indiana University School of Medicine*  
*Bernard E. Weissman, PhD, Professor of Pathology & Lab Medicine, Pediatrics, University of North Carolina at Chapel Hill*  
*Danny R. Welch, PhD, Professor, Department of Cancer Biology, The Kansas University Medical Center*  
This panel will exchange best practices related to virtual site visits, discuss what worked and what did not with their recent virtual site visit experiences, and share what they would have done differently in retrospect. Concludes a Q&A period.
- 4:10 pm **T32 Workshop: New Applications**  
*James J. Manfredi, PhD, Professor, Department of Oncological Sciences, Icahn School of Medicine at Mount Sinai*  
*Mary E. Reyland, PhD, Professor, Department of Craniofacial Biology, Director, Graduate Program in Cancer Biology, University of Colorado Anschutz Medical Campus*  
This Workshop will address key, score-driving issues for new applications for an NCI Training Grant (T32). This will be a panel discussion involving current and former members of the NCI Subcommittee F that reviews NCI TY32 applications. Questions from the audience as well as excerpts from de-identified summary statements will be used to guide the session.
- 4:10 pm **Importance of T32 Grants to Clinical Trainees**  
*Mary Armanios, MD, Professor of Oncology and Molecular Biology & Genetics, Johns Hopkins School of Medicine, and Clinical Director, Telomere Center at Johns Hopkins*  
*W. Kimryn Rathmell, PhD, MD, Cornelius Abernathy Craig Chair and Professor, Department of Medicine, and Professor of Biochemistry and Cancer Biology, Vanderbilt University Medical Center*  
This session will provide timely information on the challenges and nuances facing clinical trainees and physician-scientists. Particular attention will be given to topics related to retention of MSTP post-doctoral fellows in lab-based careers and institutional opportunities that can support the retention of under-represented groups in this career path.

## CANCER BIOLOGY VIRTUAL RETREAT

### Monday, October 26 continued

- 4:10 pm      **T32 Workshop: Renewal Applications**  
*Amy H. Bouton, PhD, Harrison Distinguished Teaching Professor in Microbiology, Immunology & Cancer, Associate Director for Education and Training, UVA Cancer Center*  
*Adrienne D. Cox, PhD, Professor, Departments of Pharmacology and Radiation-Oncology, UNC Lineberger Comprehensive Cancer Center*  
*Kay Macleod, PhD, Associate Professor, Ben May Department of Cancer Research, University of Chicago*  
<session description>
- 5:00 pm      **Cancer Biology Training Consortium Annual Business Meeting**  
All member representatives are invited to attend the annual business meeting. Presentations will include the elections for officers and board of directors, financial and membership reports and information on upcoming Retreats.

## CANCER BIOLOGY VIRTUAL RETREAT

### Tuesday, October 27

- 12:10 pm      **Trainee Video Poster Presentations**  
Join us to review the top trainee videos submitted to CABTRAC. All submitted videos will be available online throughout the Retreat.
- The Role of an Invasive Phenotype in Promoting Resistance to MAPK-Directed Therapies in Thyroid Cancer.*  
Hannah Hicks, University of Colorado Anschutz Medical Campus
- The Role of Endogenous CD28 Co-Stimulation in Tuning CAR-T Cell Performance*  
Mackenzie Honikel, Roswell Park Comprehensive Cancer Center
- Investigating the Role of Nuclear FAK to Promote Angiogenesis in Thyroid Cancer*  
Meghan Kellett, University of Colorado Anschutz Medical Campus
- Integration of Age-Related Variance Across Breast Epithelia Drives Stereotypical Changes That Increase Susceptibility to Malignant Transformation*  
Rosalyn Sayaman, City of Hope
- Stromal Cell Discoidin Domain Receptor 2 (DDR2) Expression Promotes Invasion Through Secreted Factors*  
Angela Schab, Washington University in St. Louis
- Targeting the PI3K Pathway in Gastric Cancer*  
Lyla Stanland, Duke University
- 1:10 pm      **Recruiting Strategies to Enhance Diversity Panel (Pre-doc focus)**  
*Adrienne D. Cox, PhD, Professor, Departments of Pharmacology and Radiation-Oncology, UNC Lineberger Comprehensive Cancer Center*  
*Janet V. Cross, PhD, Associate Dean for Graduate and Medical Scientist Programs, Associate Professor of Pathology, UVA School of Medicine*  
*Mary E. Reyland, PhD, Professor, Department of Craniofacial Biology, Director, Graduate Program in Cancer Biology, University of Colorado Anschutz Medical Campus*

## CANCER BIOLOGY VIRTUAL RETREAT

### Tuesday, October 27 continued

*Antonio T. Baines, Associate Professor, Department of Biology and the Cancer Research Program, Julius L. Chambers Biomedical/Biotechnology Research Institute, North Carolina Central University; and Adjunct Associate Professor, Department of Pharmacology, School of Medicine, University of North Carolina at Chapel Hill*

*Josh Hall, PhD, Director, Graduate Admissions, Biological and Biomedical Sciences Program (BBSP), Office of Graduate Education, UNC School of Medicine; Director, UNC Post-baccalaureate Research Education Program (PREP)*

*Kristine Sikora, PhD, Assistant Dean and Director of Recruitment, University of Colorado Denver Anschutz Medical Campus*

*<session description>*

1:10 pm

#### **Grant Writing for Trainees: F30-32, F99/K00, and K Awards**

*Jennifer Black, PhD, Professor, Eppley Institute for Research in Cancer and Allied Diseases, Program Leader, Gastrointestinal Cancer Research Program, Fred & Pamela Buffett Cancer Center, Associate Director and Mentor, Center for Molecular Target Discovery & Development*

*Tullia Bruno, PhD, Assistant Professor, Department of Immunology, Co-director, UPMC Hillman Summer Academy, and Scientific Director, UPMC Hillman Cancer Center Flow Facility, University of Pittsburgh*

*Maggie Chasse, Graduate Student, Van Andel Institute Graduate School*

*<session description>*

2:10 pm

#### **Speed Mentoring**

Trainees meet in small groups with mentors to discuss topics of their choice. This session requires pre-registration – mentors have been selected and prepped for the session in advance, and trainees have been assigned to mentors.

3:35 pm

#### **Career Round Tables**

This trainee-only session connects trainees with discussion leaders from broad cancer-track-related industries to learn about navigating the job market and their career path. This session requires pre-registration – trainees have been assigned to selected discussion leaders.

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