

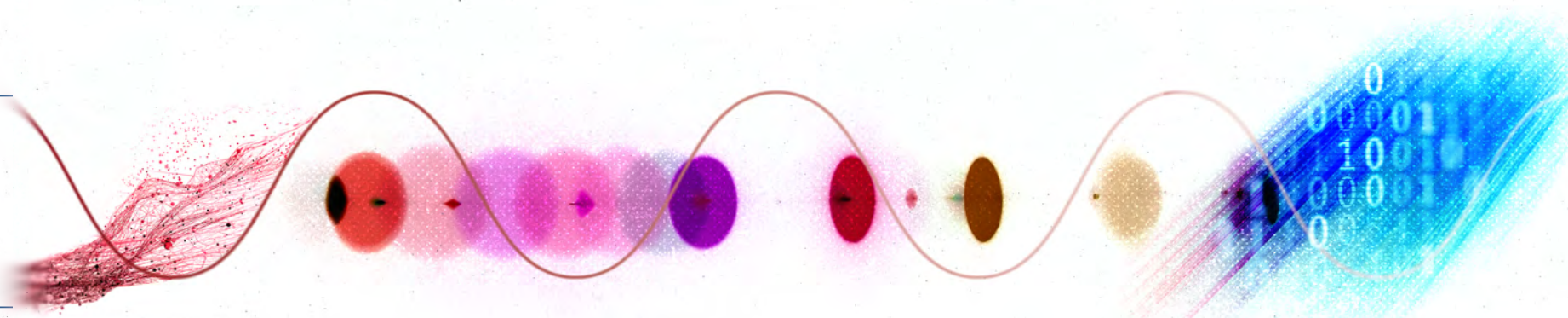
|         |         |                                                                                                                                                                                                                                                                                                                       |
|---------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2:50 PM | 3:10 PM | <b>Water and Metals in the Southwest US: Implications for Human Health</b><br><b>Joseph Hoover, PhD</b><br><i>Assistant Professor,<br/>Department of Environmental Science</i>                                                                                                                                        |
| 3:10 PM | 3:20 PM | <b>CPCP POSTER SPEAKER</b><br><b>Identifying Cardiorespiratory Symptoms in Medical Notes with Open Source Large Language Models</b><br><b>Yunbing Bai</b><br><i>College of Medicine, Arizona Telemedicine Program<br/>PI: Joseph Finkelstein, MD, PhD, FAMIA, FACMI</i>                                               |
| 3:20 PM | 3:30 PM | <b>Navigating the Shared Resources for Project Efficiency</b><br><b>Gillian D. Paine-Murrieta</b><br><i>Lab Manager III, EMSR Laboratory<br/>University of Arizona Cancer Center</i>                                                                                                                                  |
| 3:30 PM | 4:00 PM | <b>The future of Health in the Age of AI</b><br><b>David Ebert, PhD</b><br><i>Chief AI And Data Science Officer<br/>Associate Vice President of Research and Partnerships<br/>Computer Science Engineering Endowed Innovation Chair,<br/>Department of Electrical and Computer Engineering, University of Arizona</i> |
| 4:00 PM | 4:05 PM | <b>Closing Remarks</b>                                                                                                                                                                                                                                                                                                |
| 4:05 PM | 5:00 PM | <b>Reception (HSIB Patio South)</b>                                                                                                                                                                                                                                                                                   |



THE UNIVERSITY OF ARIZONA  
Cancer Center

# Annual Scientific Retreat

Innovation, Data, and Technology



# WELCOME

## UACC Annual Scientific Retreat – Member Input Survey



Your input will guide Cancer Center program development, strategic planning, and CCSG renewal priorities across research, training, community impact, operations, and philanthropy.

QR code contains link to Google Form



Full Digital Program:  
<https://isu.pub/ZUd04vG>

Agenda

Clinical and Translational Oncology

|          |          |                                                                                                                                                                                                                                                                                                                                                              |
|----------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8:00 AM  | 8:30 AM  | Registration and Breakfast                                                                                                                                                                                                                                                                                                                                   |
| 8:30 AM  | 8:40 AM  | Welcome and Introductions<br><br>Dan Theodorescu, MD, PhD<br><br><i>Nancy C. and Craig M. Berge Endowed Chair<br/>for the Director of the UA Cancer Center<br/>Professor of Urology and Cellular and Molecular Medicine</i>                                                                                                                                  |
| 8:40 AM  | 9:50 AM  | Team Science Breakouts <ul style="list-style-type: none"><li>Immunology</li><li>Cancer Engineering</li><li>Precision Health</li><li>Environmental Impact</li><li>IITs and Phase 1</li><li>Community Engagement</li></ul>                                                                                                                                     |
| 9:50 AM  | 10:10 AM | Bridging Care and Discovery:<br>Building Data Systems for Skin Cancer Innovative Research<br><br>Clara Curiel-Lewandrowski, MD<br><br><i>Co-Director, UA Skin Cancer Institute<br/>Professor, Medicine, College of Medicine (Dermatology)<br/>Chief, Division of Dermatology, Department of Medicine<br/>Program Director, Dermatology Residency Program</i> |
| 10:10 AM | 10:30 AM | Immunomodulation Tumor Microenvironment<br>in the Gastric Cancer Patient of Arizona<br><br>Junaid Arshad, MD, MS<br><br><i>Assistant Professor &amp; Clinical Scholar<br/>College of Medicine</i>                                                                                                                                                            |
| 10:30 AM | 10:50 AM | Poster Speaker<br>HPV16 productivity vs tumorigenicity<br>in the oropharynx<br><br>Robert Jackson<br><i>College of Medicine – Tucson, Department of Immunobiology</i>                                                                                                                                                                                        |
| 10:50 AM | 11:00 AM | CTOP POSTER SPEAKER<br>Machine Learning for Breast Tumor Classification: Insights from<br>Nuclear Morphology<br><br>Célia Sahli<br><br><i>College of Pharmacy, Pharmacology and Toxicology<br/>PI: Kenry, PhD</i>                                                                                                                                            |
| 11:00 AM | 11:15 AM | BREAK                                                                                                                                                                                                                                                                                                                                                        |

Cancer Biology

Cancer Prevention &  
Control Program

|          |          |                                                                                                                                                                                                                                                                       |
|----------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 11:15 AM | 11:35 AM | Development of a Liquid Biopsy Assay to Detect Cancer<br>in Unexplained Pleural Effusion<br><br>Mark Nelson, PhD<br><br><i>Investigator, Center for Toxicology<br/>Member of the Graduate Faculty<br/>Professor, Cancer Biology - GIDP<br/>Professor, Pathology</i>   |
| 11:35 AM | 11:55 AM | Evolving Our Thinking on T Cell Activation<br>and Biomimetic Engineering of Immunotherapies<br><br>Mike Kuhns, PhD<br><br><i>Department of Immunobiology<br/>Senior Scientific Advisor,<br/>Center for Advanced Molecular and Immunological Therapies</i>             |
| 11:55 AM | 12:05 PM | CBP POSTER SPEAKER<br><br>Hypoxia-induced Centrosome Elimination<br>as a Driver of Chromosomal Instability in Prostate Cancer<br><br>John Ryniawec<br><br><i>College of Medicine, Cellular and Molecular Medicine<br/>PI: Anne Cress, PhD and Gregory Rogers, PhD</i> |
| 12:05 PM | 12:20 PM | Poster Lightning Round hosted by Jacob Schwartz, PhD                                                                                                                                                                                                                  |
| 12:20 PM | 1:50 PM  | LUNCH (room 306) + Poster Session (Forum)                                                                                                                                                                                                                             |
| 1:50 PM  | 2:10 PM  | Architects of Disease: Fusions and Phase Separation in Sarcoma<br><br>Jacob C Schwartz, PhD<br><br><i>Associate Director, Cancer Research Training and Education Coordination,<br/>UA Cancer Center<br/>Associate Research Professor, Pharmacology</i>                |
| 2:10 PM  | 2:30 PM  | Southwest Data Resources and Tools to Advance Research<br>Across the Cancer Continuum<br><br>Gloria Coronado, PhD<br><br><i>Associate Director, Population Sciences, UA Cancer Center<br/>Department of Epidemiology and Biostatistics, College of Public Health</i>  |
| 2:30 PM  | 2:50 PM  | Affordable, Non-invasive Microscopy Methods for Aiding Cancer<br>Diagnosis and Treatment<br><br>Dongkyun Kang, PhD<br><br><i>Associate Professor,<br/>Optical Sciences and Biomedical Engineering</i>                                                                 |