

Tentative Agenda is subject to change. All times listed in Eastern Time (ET).

## **Course Syllabus**

Course Director: Robert S. Siegel, MD

## **PROGRAM AGENDA**

Thursday, Aug	just 10, 2023- Day 1: Hematology	Session   Room: Salon I-II
TIME	TOPIC	PRESENTER
07:00 AM - 08:00 AM	Breakfast   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
08:00 AM – 08:05 AM	Welcome   Housekeeping Notes	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center
08:05 AM – 08:55 AM	Biology of Hematopoiesis	Jerry L. Spivak, MD, MACP Emeritus Professor of Medicine Johns Hopkins University School of Medicine
08:55 AM – 09:55 AM	Iron Deficiency and Overload	Victor R. Gordeuk, MD Professor of Medicine University of Illinois at Chicago
09:55 AM - 10:15 AM	Break   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
10:15 AM – 11:15 AM	Hemoglobinopathies	Victor R. Gordeuk, MD Professor of Medicine University of Illinois at Chicago
11:15 AM – 12:00 PM	Anemia of Chronic Illness	Vera Malkovska, MD Director of Hematology MedStar Washington Hospital Center The George Washington University
12:00 PM - 12:30 PM	Lunch   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
12:30 PM – 02:00 PM	Lunch Review Session 1: Hemoglobinopathies, Hemolytic Anemia, Transfusion Medicine and Platelet Alloimmunization	Moderator: Dr. R. Siegel Dr. V. Gordeuk   Dr. I. Tabbara   Dr. H. Rai
02:00 PM – 02:30 PM	Porphyrias	Victor R. Gordeuk, MD Professor of Medicine University of Illinois at Chicago
10:35 AM – 11:20 AM	Megaloblastic and Sideroblastic Anemias	Vera Malkovska, MD Director of Hematology MedStar Washington Hospital Center The George Washington University
02:30 PM – 03:15 PM	Hemolytic Anemia	Imad A. Tabbara, MD Chief, Division of Hematology/Oncology of DeCesaris Cancer Institute Clinical Professor of Medicine The George Washington University
03:15 PM - 03:35 PM	Break   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
03:35 PM – 04:15 PM	Red Cell Enzymes, Membranes, and Metabolism	Imad A. Tabbara, MD Chief, Division of Hematology/Oncology of DeCesaris Cancer Institute

			Clinical Professor of Medicine The George Washington University
04:15	5 PM – 05:05 PM	Transfusion Medicine	Herleen (Sofi) Rai, MD Associate Director of the Clinical Pathology Residency Program Assistant Professor of Pathology The Johns Hopkins University School of Medicine
05:05	5 PM – 05:40 PM	Platelet Alloimmunization	Herleen (Sofi) Rai, MD Associate Director of the Clinical Pathology Residency Program Assistant Professor of Pathology The Johns Hopkins University School of Medicine
05:40	) PM – 05:45 PM	Closing Reminders for the End of the Day	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center
05:45	5 PM - 06:45 PM	Visit Exhibit Hall- Salon III	Exhibitors   Attendees
05:45	5 PM – 08:45 PM	Dinner Product Forum	Exhibitors   Attendees
	Friday, Augu	st 11, 2023- Day 2: Hematology So	ession   Room: Salon I-II PRESENTER
07:00	O AM - 08:00 AM	Breakfast   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
08:00	O AM – 08:05 AM	Welcome   Housekeeping Notes	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center
08:05	5 AM – 08:45 AM	Mechanisms for Clotting	Nigel Key, MD Harold R. Roberts Distinguished Professor UNC Chapel Hill
08:45	5 AM – 09:20 AM	The Hemophilias	Nigel Key, MD Harold R. Roberts Distinguished Professor UNC Chapel Hill
09:20	O AM – 10:05 AM	Von Willebrand's Disease	Alice Ma, MD, FACP Professor of Medicine University of North Carolina
10:05	5 AM - 10:25 AM	Break   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
10:25	5 AM – 11:10 AM	Acquired Disorders of Coagulation	Alice Ma, MD, FACP Professor of Medicine University of North Carolina
11:10	O AM – 12:15 PM	Hypercoagulable States	Kenneth A. Bauer, MD Professor of Medicine Harvard Medical School
12:15	5 PM – 12:45 PM	Lunch   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
12:45	5 PM - 02:00 PM	Lunch Review Session 2: Clotting and Bleeding Disorders	Moderator: Dr. R. Siegel Dr. K. Bauer   Dr. N. Key   Dr. A. Ma   Dr. A.K. Rao
02:00	O PM – 03:00 PM	Qualitative Platelet Defects	A. Koneti Rao, MBBS Sol Sherry Professor of Medicine Lewis Katz School of Medicine at Temple University
03:00	) PM – 03:45 PM	Oral Anticoagulants and Antithrombotic Therapy	Alice Ma, MD, FACP Professor of Medicine University of North Carolina
03:45	5 PM - 04:05 PM	Break   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
04:05	5 PM – 04:50 PM	Parenteral Antithrombotics and Thrombolytic Therapy	Alice Ma, MD, FACP Professor of Medicine University of North Carolina
04:50	) PM – 05:40 PM	ITP and Drug-Induced Thrombocytopenia	Robert S. Siegel, MD

05:45 PM - 08:45 PM	Dinner Product Forum	Exhibitors   Attendees
05:45 PM - 06:45 PM	Visit Exhibit Hall- Salon III	Exhibitors   Attendees
05:40 PM – 05:45 PM	Closing Reminders for the End of the Day	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center
		Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center

Saturday, Aug	ust 12, 2023 - Day 3: Hematology	Session   Room: Salon I-II
TIME	TOPIC	PRESENTER
07:00 AM - 08:00 AM	Breakfast   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
08:00 AM – 08:05 AM	Welcome   Housekeeping Notes	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center
08:05 AM – 08:50 AM	Sickling Disorders	Santosh Saraf, MD Associate Professor of Medicine University of Illinois at Chicago
08:50 AM – 09:35 AM	Hematologic Complications of Pregnancy	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center
09:35 AM - 10:00 AM	Break   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
10:00 AM – 10:45 AM	Consumptive Thrombohemorrhagic Disorders (DIC, TTP, HUS)	Michele P. Lambert, MD, MSTR Associate Professor of Pediatrics Perelman School of Medicine at UPENN and The Children's Hospital of Philadelphia
10:45 AM – 11:35 AM	Bone Marrow Failure	Amy DeZern, MD, MHS Associate Professor The Johns Hopkins University School of Medicine
11:35 AM – 12:00 PM	Lunch   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
12:00 PM – 02:00 PM	Lunch Review Session 3: White Cell Disorders, Bone Marrow Failure and Sickle Cell Disease, TTP, HUS, DIC, HIT, ABO Incompatibility, Hematopoietic Transplantation and Hematologic Complications of Pregnancy	Moderator: Dr. R. Siegel Dr. A. DeZern   Dr. M. Lambert   Dr. T. Warkentin   Dr. S. Kalsi   Dr. S. Saraf
02:00 PM – 03:00 PM	DIC, HIT, and Limb Gangrene	Theodore (Ted) Warkentin, MD Professor, McMaster University Regional Director, Transfusion Medicine Hamilton Health Sciences
03:00 PM – 03:45 PM	White Cell Disorders	Amy DeZern, MD, MHS Associate Professor The Johns Hopkins University School of Medicine
03:45 PM - 04:05 PM	Break   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
04:05 PM – 04:50 PM	ABO Incompatibility and Other Transfusion-Related Issues in Hematopoietic Transplantation	Shelley Kalsi, MD Assistant Research Clinician Bethesda, MD Affiliation
04:50 PM – 05:30 PM	Review of Cellular Morphology	Donald Karcher, MD Professor of Pathology

		The George Washington University
05:30 PM – 05:35 PM	Closing Reminders for the End of the Day	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center
05:45 PM - 06:45 PM	Visit Exhibit Hall- Salon III	Exhibitors   Attendees
05:45 PM - 08:45 PM	Dinner Product Forum	Exhibitors   Attendees
	2023- Day 4: Hematologic Maligna	<u>.</u>
TIME 06:30 AM - 07:30 AM	TOPIC  Breakfast   Visit Exhibit Hall- Salon III	PRESENTER Exhibitors   Attendees
07:30 AM – 07:35 AM	Welcome   Housekeeping Notes	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center
07:35 AM- 08:35 AM	Pathology of Lymphomas	L. Jeffrey Medeiros, MD Professor and Chair, Department of Pathology MD Anderson Cancer Center
08:35 AM – 09:35 AM	Non-Hodgkin's Lymphoma	John Leonard, MD Senior Associate Dean and Professor of Medicine, Weill Cornell Medicine
09:35 AM - 09:55 AM	Break   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
09:55 AM – 10:50 AM	Multiple Myeloma, Plasmacytoma, and MGUS	S. Vincent Rajkumar, MD Edward W. and Betty Knight Scripps Professor of Medicine, Mayo Clinic
10:50 AM – 11:30 AM	Hodgkin's Lymphoma	John Leonard, MD Senior Associate Dean and Professor of Medicine, Weill Cornell Medicine
11:30 AM – 12:15 PM	Acute Lymphocytic Leukemia	Hagop Kantarjian, MD Professor and Chair of the Department of Leukemia, MD Anderson Cancer Center
12:15 PM – 12:45 PM	Lunch   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
12:45 PM – 02:30 PM	Lunch Review Session 4: Lymphomas, CLL, ALL, CML, Plasma Cell Disorders, and MDS	Moderator: Dr. R. Siegel Dr. M. Davids   Dr. H. Kantarjian   Dr. J. Leonard   Dr. S. Rajkumar   Dr. M. Sekeres
02:30 PM – 3:15 PM	Chronic Myeloid Leukemia	Hagop Kantarjian, MD Professor and Chair of the Department of Leukemia, MD Anderson Cancer Center
03:15 PM – 04:00 PM	Myelodysplasia	Mikkael Sekeres, MD, MS Chief, Division of Hematology and Professor of Medicine, Sylvester Comprehensive Cancer Center, University of Miami
04:00 PM - 04:20 PM	Break   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
04:20 PM – 05:10 PM	Waldenstrom's Macroglobulinemia and Amyloidosis	Morie A. Gertz, MD, MACP Consultant, Mayo Clinic
05:10 PM – 05:55 PM	Chronic Lymphocytic Leukemia	Matthew Davids, MD Associate Professor of Medicine Dana-Farber Cancer Institute
05:55 PM – 06:00 PM	Closing Reminders for the End of the Day	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center
06:00 PM - 07:00 PM	Visit Exhibit Hall- Salon III	Exhibitors   Attendees
06:00 PM - 09:00 PM	Dinner Product Forum	Exhibitors   Attendees
Monday, August 14,	2023- Day 5: Hematologic Maligna	ancies Session   Room: Salon I-II

TIME	TOPIC	PRESENTER		
07:00 AM - 08:00 AM	Breakfast   Visit Exhibit Hall- Salon III	Exhibitors   Attendees		
08:00 AM – 08:05 AM	Welcome   Housekeeping Notes	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center		
08:05 AM – 09:05 AM	Acute Myeloid Leukemia	Richard Stone, MD Chief of Staff, Professor of Medicine Dana Farber Cancer Institute, Harvard Medical School		
09:05 AM – 09:50 AM	Bone Marrow Transplantation	Speaker- TBC		
09:50 AM – 10:10 AM	Break   Visit Exhibit Hall- Salon III	Exhibitors   Attendees		
10:10 AM – 11:10 AM	Myeloproliferative Neoplasms	Ayalew Tefferi, MD Barbara Woodward Lips Professor of Medicine Mayo Clinic		
11:10 AM – 12:10 PM	Pharmacology I	Edward Chu, MD, MMS Director, Montefiore Einstein Cancer Center, Albert Einstein College of Medicine		
12:10 PM – 12:40 PM	Lunch   Visit Exhibit Hall- Salon III	Exhibitors   Attendees		
12:40 PM - 02:30 PM	Lunch Review Session 5: AML, Bone Marrow Transplantation, Myeloproliferative Neoplasms and Pharmacology	Moderator: Dr. R. Siegel Dr. E. Chu   Dr. R. Stone   Dr. A. Tefferi		
02:30 PM – 03:15 PM	T Cell Therapies for Cancer	Catherine Bollard, MBChB, MD, FRACP, FRCPA Professor of Pediatrics and Director, Center for Cancer and Immunology Research Children's National and The George Washington University		
03:15 PM – 04:00 PM	Pharmacology II	Edward Chu, MD, MMS Director, Montefiore Einstein Cancer Center, Albert Einstein College of Medicine		
04:00 PM - 04:20 PM	Break   Visit Exhibit Hall- Salon III	Exhibitors   Attendees		
04:20 PM – 04:50 PM	Pharmacology III	Edward Chu, MD, MMS Director, Montefiore Einstein Cancer Center, Albert Einstein College of Medicine		
04:50 PM – 05:40 PM	Liquid Biopsies	Benjamin Levy, MD Associate Professor The Johns Hopkins School of Medicine		
05:40 PM – 06:20 PM	Palliative Care	Erica Schockett, MD Inova Schar Cancer Institute		
06:20 PM – 06:30 PM	Closing Remarks   Adjournment	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center		
06:30 PM - 07:30 PM	Visit Exhibit Hall- Salon III	Exhibitors   Attendees		
06:30 PM - 09:30 PM	Dinner Product Forum	Exhibitors   Attendees		
	Tuesday, August 15, 2023- Day 6: Oncology Session   Room: Salon I-II			
TIME	TOPIC	PRESENTER		
06:45 AM - 07:45 AM	Breakfast   Visit Exhibit Hall- Salon III	Exhibitors   Attendees		
07:45 AM – 07:50 AM	Welcome   Housekeeping Notes	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center		

		Julie Bauman, MD, MPH
07:50 AM – 08:50 AM	Head and Neck Cancer	Director, GW Cancer Center Associate Dean of Cancer Professor of Medicine, GW School of Medicine and Health Sciences
08:50 AM – 09:50 AM	Familial Cancer Syndromes	Elizabeth McLanahan, MS, LCGC Licensed and Certified Genetic Counselor The Saville Cancer Screening and Prevention Center, Inova Schar Cancer Institute
09:50 AM – 10:45 AM	Non-Small Cell Lung Cancer	Bruce E. Johnson, MD Chief Clinical Research Officer Dana-Farber Cancer Institute
10:45 AM – 11:05 AM	Break   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
11:05 AM – 11:45 AM	Small Cell Lung Cancer	Bruce E. Johnson, MD Chief Clinical Research Officer Dana-Farber Cancer Institute
11:45 AM – 12:25 PM	Adjuvant Therapy for Breast Cancer	William J. Gradishar, MD Betsy Bramsen Professor of Breast Oncology, Chief of Hematology/ Oncology, Northwestern University Feinberg School of Medicine
12:25 PM – 12:50 PM	Lunch   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
12:50 PM – 02:30 PM	Lunch Review Session 6: Breast Cancer, Lung Cancer and Neuro-Oncology	Moderator: Dr. R. Siegel Dr. M. Gilbert   Dr. C. Isaacs   Dr. B. Johnson
02:30 PM – 03:15 PM	Metastatic Breast Cancer	Claudine Isaacs, MD Professor of Medicine Georgetown University
03:15 PM – 03:35 PM	Break   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
03:35 PM – 04:20 PM	Neuro-Oncology	Mark Gilbert, MD Physician Bethesda, MD Affiliation
04:20 PM – 04:50 PM	Metastatic Disease to the Brain, Spine, Carcinomatous Meningitis	Mark Gilbert, MD Physician Bethesda, MD Affiliation
04:50 PM – 05:40 PM	Endocrine Malignancies	Ann Gramza, MD Associate Professor of Medicine, Hematology/Oncology Georgetown University
05:40 PM – 05:45 PM	Closing Reminders for the End of the Day	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center
05:45 PM - 06:45 PM	Visit Exhibit Hall- Salon III	Exhibitors   Attendees
05:45 PM - 08:45 PM	Dinner Product Forum	Exhibitors   Attendees
Wednesday, A	ugust 16, 2023- Day 7: Oncology	Session   Room: Salon I-II
07:00 AM - 08:00 AM	Breakfast   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
08:00 AM – 08:05 AM	Welcome   Housekeeping Notes	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center
08:05 AM – 08:50 AM	Renal Cell Cancer	Speaker- TBC
08:50 AM – 09:50 AM	Prostate Cancer	Jeanny B. Aragon-Ching, MD, FACP Clinical Program Director of Genitourinary Cancers, Inova Schar Cancer Institute
09:50 AM- 10:10 AM	Break   Visit Exhibit Hall- Salon III	Exhibitors   Attendees

Bladder Cancer	Speaker- TBC
Testicular Cancer and Mediastinal Germ Cell Tumors	Darren Feldman, MD Associate Attending (MSKCC) and Associate Professor of Medicine (WCMC) Memorial Sloan Kettering Cancer Center and Weill Cornell Medical College
Ovarian Cancer	Andrea Wahner Hendrickson, MD Medical Oncologist, Mayo Clinic
Lunch   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
Lunch Review Session 7: Renal Cell, Prostate, Bladder, Testicular, Ovarian and Endometrial Tumors	Moderator: Dr. R. Siegel Dr. J. Aragon-Ching   Dr. D. Feldman   Dr. A. Wahner-Hendrickson
Endometrial Cancer	Andrea Wahner Hendrickson, MD Medical Oncologist, Mayo Clinic
Cancer of the Cervix, Vulva, Vagina and Gestational Trophoblastic Tumors	Nicole Chappell, MD Division Director Gynecologic Oncology The George Washington University, GW Cancer Center
Break   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
Melanoma	F. Stephen Hodi, MD Director of the Center for Immuno-Oncology and Melanoma Center Dana-Farber Cancer Institute
Carcinoid Tumors, Carcinoid Syndrome and Pancreatic Neuroendocrine Tumors	Diane Reidy, MD, MS Associate Attending and Associate Deputy Physician in Chief, Regional Care Network, Memorial Sloan Kettering Cancer Center
Mesothelioma	Hedy Lee Kindler, MD Professor of Medicine University of Chicago
Closing Reminders for the End of the Day	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center
Visit Exhibit Hall- Salon III	Exhibitors   Attendees
Dinner Product Forum	Exhibitors   Attendees
igust 17, 2023- Day 8: Oncology S	
	PRESENTER
Breakfast   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
Welcome   Housekeeping Notes	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center
Esophageal Carcinoma	David Ilson, MD, PhD Attending Physician Memorial Sloan Kettering Cancer Center
Gastric Cancer	David Ilson, MD, PhD Attending Physician Memorial Sloan Kettering Cancer Center
Pancreatic Cancer	Hedy Lee Kindler, MD Professor of Medicine University of Chicago
Break   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
Metastatic Therapy for Colon and Rectal Cancer	John L. Marshall, MD Director, Ruesch Center for the Cure of GI Cancers, Georgetown University
	Testicular Cancer and Mediastinal Germ Cell Tumors  Ovarian Cancer  Lunch   Visit Exhibit Hall- Salon III  Lunch Review Session 7: Renal Cell, Prostate, Bladder, Testicular, Ovarian and Endometrial Tumors  Endometrial Cancer  Cancer of the Cervix, Vulva, Vagina and Gestational Trophoblastic Tumors  Break   Visit Exhibit Hall- Salon III  Melanoma  Carcinoid Tumors, Carcinoid Syndrome and Pancreatic Neuroendocrine Tumors  Mesothelioma  Closing Reminders for the End of the Day  Visit Exhibit Hall- Salon III  Dinner Product Forum  Igust 17, 2023- Day 8: Oncology Stopic  TOPIC  Breakfast   Visit Exhibit Hall- Salon III  Welcome   Housekeeping Notes  Esophageal Carcinoma  Gastric Cancer  Pancreatic Cancer  Break   Visit Exhibit Hall- Salon III  Metastatic Therapy for Colon

10:35 AM – 11:40 AM	Adjuvant Therapy for Colon and Rectal Cancer	John L. Marshall, MD Director, Ruesch Center for the Cure of GI Cancers, Georgetown University
11:40 AM – 12:05 PM	Anal Cancer	John L. Marshall, MD Director, Ruesch Center for the Cure of GI Cancers, Georgetown University
12:05 PM – 12:25 PM	Lunch   Visit Exhibit Hall- Salon III	Exhibitors   Attendees
12:25 PM – 01:40 PM	Lunch Review Session 8: GI Oncology, Mesothelioma and Sarcomas	Moderator: Dr. R. Siegel Dr. M. Agulnik   Dr. H. Kindler   Dr. D. Ilson   Dr. J. Marshall
01:40 PM – 02:25 PM	Hepatobiliary Cancer	Nilofer Azad, MD Professor of Oncology Co-Leader, Cancer Genetics and Epigenetics Sidney Kimmel Comprehensive Cancer Center, Johns Hopkins University
02:25 PM – 02:55 PM	Sarcomas	Mark Agulnik, MD Clinical Professor Sarcoma Section Chief, Department of Medical Oncology and Therapeutics Research, City of Hope
02:55 PM – 03:00 PM	Closing Remarks   Adjournment	Robert S. Siegel, MD Professor of Medicine, Associate GW Cancer Center Director of Education and Training, The George Washington University, GW Cancer Center