



Extramural Grants

Cancer Control Career Development Award for Primary Care Physicians (CCDA)

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
CCDA-16-003-01	Rhodes, Ramona L., MD MPH MENTOR: Halm, Ethan A., MD MPH University of Texas Southwestern Medical Center, Dallas Department of Internal Medicine Dallas, TX	End-of-Life Care for African Americans: An Outpatient Intervention	07/01/2016 through 06/30/2019	\$300,000

Summary CCDA

Total Number of Grants: 1

Total Amount Awarded: \$300,000



Extramural Grants

Doctoral Scholarship in Cancer Nursing Renewal (DSCNR)

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
DSCNR-17-088-03	Reynolds, Rae, MS, RN, ANPBC MENTOR: Wood, Geri L., PhD, RN, FAAN University of Texas Health Science Center, Houston Department of Nursing Systems Houston, TX	Pancreatic Cancer: Uncertainty in Illness	07/01/2017 through 06/30/2019	\$30,000

Summary DSCNR

Total Number of Grants: 1

Total Amount Awarded: \$30,000



Extramural Grants

Doctoral Training Grant in Oncology Social Work (DSW)

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
DSW-16-247-01	Currin-McCulloch, Jennifer, MSW MENTOR: Jones, Barbara, PhD University of Texas, Austin Department of Social Work Austin, TX	Experiences of Hope and Meaning-Making in Individuals with Advanced Cancer	07/01/2016 through 06/30/2018	\$40,000
DSW-16-246-01	Walsh, Casey, MSW MENTOR: Jones, Barbara, PhD University of Texas, Austin School of Social Work Austin, TX	Peer Support Preferences Among Adolescent and Young Adult Oncology Patients	07/01/2016 through 06/30/2018	\$40,000

Summary DSW

Total Number of Grants: 2

Total Amount Awarded: \$80,000



Extramural Grants

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Institutional Research Grant (IRG)

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
IRG-17-174-13	Cobb, Melanie, PhD University of Texas Southwestern Medical Center, Dallas Department of Pharmacology Dallas, TX	Institutional Research Grant	01/01/2018 through 12/31/2020	\$360,000

**Summary IRG**

**Total Number of Grants: 1**

**Total Amount Awarded: \$360,000**



## Extramural Grants

## Mentored Research Scholar Grants in Applied and Clinical Research (MRSRG)

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
MRSRG-15-018-01	Correa-Fernandez, Virmarie, PhD MENTOR: Wetter, David W., PhD University of Houston College of Education Houston, TX	Reducing Tobacco-related Health Disparities: A Focus on Mental Health	09/01/2015 through 08/31/2020  Transferred From University of Texas M.D. Anderson Cancer Center to University of Houston on 08/31/15	\$717,000
MRSRG-15-177-01	Heczey, Andras A., MD MENTOR: Metelitsa, Leonid, MD Baylor College of Medicine Department of Cancer Center Houston, TX	GD2 Redirected Natural Killer T cells for Children with Neuroblastoma	01/01/2016 through 12/31/2019	\$583,000
MRSRG-14-148-01	Hui, David, MD MENTOR: Bruera, Eduardo, MD University of Texas M.D. Anderson Cancer Center Department of Palliative Care and Rehabilitation Medicine Houston, TX	High-Flow Oxygen for Exertional Dyspnea in Cancer Patients	01/01/2015 through 12/31/2018  Funds ended 12/31/17	\$487,000
MRSRG-14-165-01	Lyons, Elizabeth, PhD MENTOR: James, Goodwin, MD University of Texas Medical Branch, Galveston Department of Translational Sciences Galveston, TX	Self Monitoring Activity: A Randomized Trial of Game Oriented Applications	01/01/2015 through 12/31/2019	\$712,000
MRSRG-16-196-01	Parihar, Robin, MD, PhD MENTOR: Rooney, Cliona, PhD Baylor College of Medicine Department of Pediatrics Houston, TX	ReShaping the Tumor Microenvironment with NK cell Adoptive Immunotherapy	01/01/2017 through 12/31/2020	\$583,000



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<b>MRS-16-152-01</b>	Shah, Dimpy P., PhD MENTOR: Chemaly, Roy, MD MPH University of Texas M.D. Anderson Cancer Center Department of Infectious Diseases, Infection Control & Employee Health Houston, TX	Viral Pneumonia and Mortality in Stem Cell Transplant Recipients	01/01/2017 through 12/31/2021	\$651,000
<b>MRS-13-145-01</b>	Strong, Larkin, PhD MENTOR: Wetter, David W., PhD University of Texas M.D. Anderson Cancer Center Department of Health Disparities Research Houston, TX	Pathways Linking Neighborhood Environments to Activity Behaviors	07/01/2013 through 06/30/2018	\$729,000
<b>MRS-14-197-01</b>	Vera, Juan F., MD MENTOR: Brenner, Malcolm K., MD, PhD, FRCP, FRCPath Baylor College of Medicine Department of Medicine Houston, TX	Engineered T Cell Therapy for Advanced Prostate Cancer	01/01/2015 through 12/31/2019	\$712,000

### Summary MRS

**Total Number of Grants: 8**

**Total Amount Awarded: \$5,174,000**



Extramural Grants

Pilot and Exploratory Projects in Palliative Care of Cancer Patients and Their Families (PEP)

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
PEP-15-054-01	Badgwell, Brian, MD University of Texas M.D. Anderson Cancer Center Department of Surgical Oncology Houston, TX	Symptom Burden in Patients with Advanced Cancer and Bowel Obstruction	07/01/2015 through 06/30/2018 <hr/> Funds ended 06/30/17	\$144,000
PEP-15-055-01	Milbury, Kathrin, PhD University of Texas M.D. Anderson Cancer Center Department of Palliative, Rehabilitative and Integrative Medicine Houston, TX	Couple-Based Meditation for Lung Cancer Patients and Partners	07/01/2015 through 06/30/2018 <hr/> Funds ended 06/30/17	\$142,000
PEP-15-056-01	Ruparel, Shivani, PhD University of Texas Health Science Center, San Antonio Department of Endodontics San Antonio, TX	CYP450 Enzyme Inhibitors as Novel Palliative Care Analgesics in Oral Cancer	07/01/2015 through 04/30/2018 <hr/> Funds ended 06/30/17	\$144,000

Summary PEP

Total Number of Grants: 3

Total Amount Awarded: \$430,000



## Extramural Grants

## Postdoctoral Fellowship (PF)

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
PF-17-229-01	Ambler, Brett, PhD MENTOR: Krische, Michael J., PhD University of Texas, Austin Department of Chemistry Austin, TX	Efficient Synthesis of Peloruside A Enables Evaluation of Analogs	01/01/2018 through 12/31/2020	\$163,500
PF-15-143-01	Blazeck, John J., PhD MENTOR: Georgiou, George, PhD University of Texas, Austin McKetta Department of Chemical Engineering Austin, TX	Developing an Anti-cancer Human Kynureninase Enzyme Therapeutic	01/01/2016 through 12/31/2018	\$163,500
PF-17-067-01	Echeverria, Gloria V., PhD MENTOR: Piwnica-Worms, Helen, PhD University of Texas M.D. Anderson Cancer Center Department of Cancer Biology Houston, TX	Track and Target Chemoresistant Subclones in Triple Negative Breast Cancer	09/01/2017 through 08/31/2019	\$111,500
PF-15-160-01	Jones, Amanda, PhD MENTOR: Abrams, John M., PhD University of Texas Southwestern Medical Center, Dallas Department of Cell Biology and Neuroscience Dallas, TX	p53 Effectors Suppress Tumor Formation by Constraining Transposon Activity	01/01/2016 through 12/30/2018	\$163,500
PF-16-083-01	Rasmussen, Neal R., PhD MENTOR: Reiner, David, PhD Texas A&M University Center for Translational Cancer Research College Station, TX	Rap1 Signaling System Reinforces Oncogenic Ras Signaling	07/01/2016 through 06/30/2018	\$111,500
PF-17-169-01	Soniat, Michael, PhD MENTOR: Finkelstein, Ilya J., PhD University of Texas, Austin Department of Molecular Biosciences Austin, TX	Single-Molecule Studies of Human DNA Double-Strand Break Repair	01/01/2018 through 12/31/2020	\$163,500





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PF-15-220-01	Yu, Kwanha, PhD MENTOR: Deneen, Benjamin, PhD Baylor College of Medicine Department of Neuroscience Houston, TX	The Nature of Glial Heterogeneity in Malignant Glioma	01/01/2016 through 12/31/2018	\$163,500
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Summary PF

Total Number of Grants: 7

Total Amount Awarded: \$1,040,500



Extramural Grants

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Research Professorship (RP)

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
RP-16-240-01	Sood, Anil K., MD University of Texas M.D. Anderson Cancer Center Department of Gynecologic Oncology Houston, TX	Non-Coding RNA Cancer Therapeutics	01/01/2017 through 12/31/2021	\$400,000

Summary RP

Total Number of Grants: 1

Total Amount Awarded: \$400,000



## Extramural Grants

## Research Scholar Grant (RSG)

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
RSG-14-044-01	Arur, Swathi, PhD University of Texas M.D. Anderson Cancer Center Department of Genetics Houston, TX	Functional Analysis of Feedback Networks Governing ERK Signaling in Vivo	07/01/2014 through 06/30/2018	\$792,000
RSG-15-058-01	Badr, Hoda, PhD Baylor College of Medicine Department of Medicine Houston, TX	Psychosocial Intervention for Advanced Lung Cancer Patients and Caregivers	07/01/2015 through 06/30/2019  Transferred From Icahn School of Medicine at Mount Sinai to Baylor College of Medicine on 06/30/19	\$792,000
RSG-17-205-01	Bartholomeusz, Chandra, MD, PhD University of Texas M.D. Anderson Cancer Center Department of Breast Medical Oncology Houston, TX	Understanding the Role of Mcl1 in MAPK Driven Tumors in TNBC	01/01/2018 through 12/31/2021	\$792,000
RSG-15-192-01	Cao, Qi, PhD The Methodist Hospital Research Institute Center for Inflammation and Epigenetics and Cancer Houston, TX	The EZH2 and Chromosomal Passenger Complex Network in Prostate Cancer	01/01/2016 through 12/31/2019	\$792,000
RSG-14-064-01	Conrad, Nicholas, PhD University of Texas Southwestern Medical Center, Dallas Department of Microbiology Dallas, TX	Posttranscriptional Regulation of Metabolic Genes Involved in Cancer	07/01/2014 through 06/30/2018	\$792,000
RSG-17-049-01	Daniel-MacDougall, Carrie, PhD, MPH University of Texas M.D. Anderson Cancer Center Department of Epidemiology Houston, TX	BE GONE Trial: Beans to Enrich the Gut of Obese Colorectal Cancer Survivors	07/01/2017 through 06/30/2021	\$791,000



## Extramural Grants

<b>RSG-15-158-01</b>	Ehrlich, Lauren I., PhD University of Texas, Austin Department of Molecular Biosciences Austin, TX	Identification of Mediators in the Tumor Microenvironment Promoting T-ALL	01/01/2016 through 12/31/2019	\$792,000
<b>RSG-16-084-01</b>	Frigo, Daniel E., PhD University of Houston Department of Biology and Biochemistry Houston, TX	Therapeutic Targeting of Autophagy in Prostate Cancer	07/01/2016 through 06/30/2020	\$792,000
<b>RSG-16-004-01</b>	Hannan, Raquibul, PhD, MD University of Texas Southwestern Medical Center, Dallas Department of Radiation Oncology Dallas, TX	Image-Guided Stereotactic Radiation Therapy of Primary Renal Cancer	07/01/2016 through 06/30/2020	\$701,000
<b>RSG-13-061-01</b>	He, Bin, PhD Baylor College of Medicine Department of Medicine Houston, TX	Role of GATA2 in Prostate Cancer Development	01/01/2013 through 12/31/2018	\$720,000
			Funds ended 12/31/16	
<b>RSG-17-029-01</b>	Hu, Jian, PhD University of Texas M.D. Anderson Cancer Center Department of Cancer Biology Houston, TX	Role of Quaking in Endocytosis and Self-Renewal in Glioma Stem Cells	07/01/2017 through 06/30/2021	\$792,000
<b>RSG-16-179-01</b>	Huse, Jason T., MD, PhD University of Texas M.D. Anderson Cancer Center Department of Translational Molecular Pathology Houston, TX	Characterizing the Epigenetic Consequences of ATRX Deficiency in Cancer	01/01/2017 through 12/31/2020	\$792,000
			Transferred From Memorial Sloan-Kettering Cancer Center to University of Texas M.D. Anderson Cancer Center on 12/31/16	
<b>RSG-15-061-01</b>	Iyengar, Puneeth, MD, PhD University of Texas Southwestern Medical Center, Dallas Department of Radiation Oncology Dallas, TX	Unchecked Adipocyte Lipolysis and Tumor Progression in Cachexia	07/01/2015 through 06/30/2019	\$792,000



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<b>RSG-16-090-01</b>	Kim, James, MD, PhD University of Texas Southwestern Medical Center, Dallas Department of Internal Medicine Dallas, TX	Disruption of Oncogenic Epithelial-Stromal Interactions in Lung Cancer	07/01/2016 through 06/30/2020	\$792,000
<b>RSG-14-159-01</b>	Klopp, Ann, PhD, MD University of Texas M.D. Anderson Cancer Center Department of Radiation Oncology Houston, TX	Where it's at; The Effect of Adipose Tissue Location on Cancer Progression	01/01/2015 through 12/31/2018	\$729,000
<b>RSG-17-062-01</b>	Li, Wenliang, PhD University of Texas Health Science Center, Houston Department of Molecular Medicine Houston, TX	A Novel GRK3-EZH2 Regulatory Pathway in Prostate Cancer Progression	07/01/2017 through 06/30/2021	\$792,000
<b>RSG-17-215-01</b>	Mahan, Kristin E., PhD University of Texas Health Science Center, Houston The Brown Foundation Institute of Molecular Medicine Houston, TX	HNF4a-Mediated Circadian Reprogramming in Hepatocellular Carcinoma	01/01/2018 through 12/31/2021	\$792,000
<b>RSG-17-158-01</b>	McNeill, Lorna, PhD, MPH University of Texas M.D. Anderson Cancer Center Department of Health Disparities Research Houston, TX	A Peer and Family-based Approach to Obesity in African American Families	01/01/2018 through 12/31/2022	\$1,749,750
<b>RSG-16-042-01</b>	Miller, Kyle, PhD University of Texas, Austin Department of Molecular Biosciences Austin, TX	Regulation Of Chromatin-Based DNA Damage Responses By Histone H2A Variants	07/01/2016 through 06/30/2020	\$760,000
<b>RSG-14-218-01</b>	Mitsiades, Nicholas, MD, PhD Baylor College of Medicine Departments of Medicine and Molecular and Cellular Biology Houston, TX	Ubiquitination-Based Control of Transcriptional Activity in Prostate Cancer	01/01/2015 through 12/31/2018	\$792,000



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<b>RSG-15-145-01</b>	Muller, Florian, PhD University of Texas M.D. Anderson Cancer Center Department of Cancer Systems Imaging Houston, TX	Passenger Deletion of ENO1 as a Targetable Vulnerability in Cancer	01/01/2016 through 12/31/2019	\$792,000
<b>RSG-16-092-01</b>	Navin, Nicholas, PhD University of Texas M.D. Anderson Cancer Center Department of Genetics Houston, TX	Investigating Mutational Evolution and Intratumor Heterogeneity in TNBC	07/01/2016 through 06/30/2020	\$792,000
<b>RSG-15-088-01</b>	Neilson, Joel R., PhD Baylor College of Medicine Department of Molecular Physiology and Biophysics Houston, TX	The Impact of CELF1 on Epithelial to Mesenchymal Transition	03/01/2015 through 02/28/2019	\$792,000
<b>RSG-15-105-01</b>	Putluri, Nagireddy, PhD Baylor College of Medicine Department of Molecular and Cellular Biology Houston, TX	Elucidating the Role of Xenobiotic Metabolism in Bladder Cancer Progression	07/01/2015 through 06/30/2019	\$792,000
<b>RSG-16-005-01</b>	Rao, Arvind, PhD University of Texas M.D. Anderson Cancer Center Department of Bioinformatics and Computational Biology Houston, TX	Discriminating Relapse Outcome in Lower Grade Glioma with Genomics & Imaging	07/01/2016 through 06/30/2020	\$772,000
<b>RSG-15-218-01</b>	Rezvani, Katy, MD, PhD University of Texas M.D. Anderson Cancer Center Department of Stem Cell Transplantation and Cellular Therapy Houston, TX	Adoptive Immunotherapy for Leukemia Using Cord Blood Derived NK Cells	08/01/2015 through 07/31/2019	\$792,000
<b>RSG-17-012-01</b>	Sieglwart, Daniel, PhD University of Texas Southwestern Medical Center, Dallas Simmons Comprehensive Cancer Center Dallas, TX	A Functional Polyester Library for Enhanced and Selective miRNA Delivery	07/01/2017 through 06/30/2021	\$792,000



## Extramural Grants

<b>RSG-18-001-01</b>	Taguchi, Ayumu, MD, PhD University of Texas M.D. Anderson Cancer Center Department of Translational Molecular Pathology Houston, TX	Circulating Exosomes as Biomarkers for Lung Cancer Early Detection	03/01/2018 through 02/28/2022	\$792,000
<b>RSG-15-009-01</b>	Wang, Wei, MD, PhD Texas Tech University Health Science Center Department of Pharmaceutical Sciences Lubbock, TX	Targeting MDM2 Oncogene to Treat Breast Cancer	07/01/2015 through 06/30/2019	\$792,000
<b>RSG-13-241-01</b>	Wang, Xin Shelley, MD MPH University of Texas M.D. Anderson Cancer Center Department of Symptom Research Houston, TX	Reducing Peripheral Neuropathy in Underserved CRC Patients by Minocycline	07/01/2013 through 06/30/2018  Funds ended 06/30/17	\$720,000
<b>RSG-17-048-01</b>	Winter, Sebastian, PhD University of Texas Southwestern Medical Center, Dallas Department of Microbiology Dallas, TX	Manipulation of the Gut Microbiota to Prevent Colitis-Associated Cancer	07/01/2017 through 06/30/2021	\$792,000
<b>RSG-15-069-01</b>	Yang, Jing, PhD University of Texas M.D. Anderson Cancer Center  Houston, TX	A Novel Therapeutic Target for Myeloma Bone Destruction	07/01/2015 through 06/30/2019	\$792,000
<b>RSG-15-062-01</b>	Yu, Yonghao, PhD University of Texas Southwestern Medical Center, Dallas Department of Biochemistry Dallas, TX	Overcoming Rapamycin Resistance for the Treatment of Bladder Cancer	07/01/2015 through 06/30/2019	\$792,000
<b>RSG-16-215-01</b>	Zhou, Yubin, PhD Texas A&M University Center for Translational Cancer Research College Station, TX	Novel Therapeutic Strategies for Acute Leukemia by Targeting CRAC Channels	01/01/2017 through 12/31/2020	\$792,000
<b>RSG-16-226-01</b>	Zvolensky, Michael J., PhD University of Houston Department of Psychology Houston, TX	Community Based Participatory Research (CBPR) for Low Income Smokers	01/01/2017 through 12/31/2020	\$916,000



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**Summary RSG**

**Total Number of Grants: 35**

**Total Amount Awarded: \$28,450,750**





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### Summary Grants in Effect for South Division, Texas State

**Total Number of Grants: 59**

**Total Amount Awarded: \$36,265,250**