



Extramural Grants

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

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
CCDA-17-100-01	Kieber-Emmons, Autumn, MD MENTOR: Miller, William, MD, MA Lehigh Valley Hospital Department of Family Medicine PA	Cervical Cancer Disparities and Survivorship within US Hispanic Populations	07/01/2017 through 09/06/2020  Funds ended 06/30/20	\$300,000

Summary CCDA

Total Number of Grants: 1

Total Amount Awarded: \$300,000



Extramural Grants

Doctoral Degree Scholarship in Cancer Nursing (DSCN)

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
DSCN-19-049-01	McCall, Maura, MSN MENTOR: Bender, Catherine M., FAAN, RN, PhD University of Pittsburgh Department of Health and Community Systems Pittsburgh, PA	Trajectories and Predictors of Aromatase Inhibitor Adherence and Symptoms	07/01/2019 through 06/30/2021	\$30,000
DSCN-19-054-01	Rosa, William, MS MENTOR: Meghani, Salimah, PhD The Trustees of the University of Pennsylvania School of Nursing - Department of Biobehavioral and Health Sciences Philadelphia, PA	Analgesic Nonadherence in the Outpatient Oncology Setting	07/01/2019 through 06/30/2021	\$30,000

Summary DSCN

Total Number of Grants: 2

Total Amount Awarded: \$60,000



Extramural Grants

Institutional Research Grant (IRG)

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
IRG-15-175-21	Chernoff, Jonathan, MD, PhD Fox Chase Cancer Center Department of Cancer Biology Philadelphia, PA	Institutional Research Grant	01/01/2016 through 12/31/2019	\$270,000
			Funds ended 12/31/18	
IRG-17-175-04	Hohl, Raymond J., MD, PhD Pennsylvania State University Department of Medicine University Park, PA	Institutional Research Grant	01/01/2018 through 12/31/2020	\$360,000
IRG-16-244-10	Knudsen, Karen E., PhD Thomas Jefferson University Department of Cancer Biology, Urology and Radiation Oncology Philadelphia, PA	Institutional Research Grant	01/01/2017 through 12/31/2019	\$360,000
IRG-16-188-38	Vonderheide, Robert H., MD, DPhil The Trustees of the University of Pennsylvania Department of Medicine Philadelphia, PA	Institutional Research Grant	01/01/2017 through 12/31/2019	\$270,000

Summary IRG

Total Number of Grants: 4

Total Amount Awarded: \$1,260,000



Extramural Grants

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

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
MRSRG-17-155-01	Aysola, Jaya, MD, MPH MENTOR: Schapira, Marilyn, MD MPH The Trustees of the University of Pennsylvania Department of General Internal Medicine Philadelphia, PA	Leveraging Primary Care Social Networks to Reduce Inequities in Cancer Risk	01/01/2018 through 12/31/2022	\$729,000
MRSRG-18-136-01	Bluethmann, Shirley M., PhD MENTOR: Schmitz, Kathryn, MD, PhD Pennsylvania State University Department of Public Health Sciences University Park, PA	Using Exercise to Improve Arthralgia and AI Adherence	01/01/2019 through 12/31/2023	\$728,000
MRSRG-18-051-01	Hagan, Teresa, PhD MENTOR: Bender, Catherine M., FAAN, RN, PhD University of Pittsburgh Department of Health Promotion and Development Pittsburgh, PA	Strong Together: Piloting a Serious Game to Improve Self-Advocacy	07/01/2018 through 06/30/2023	\$729,000
MRSRG-18-098-01	Lynch, Shannon, PhD MENTOR: Ragin, Camille, PhD, MPH Institute for Cancer Research, Fox Chase Cancer Center Department of Cancer Prevention and Control Philadelphia, PA	Multilevel, Precision-based Approach to Address Prostate Cancer Disparities	07/01/2018 through 06/30/2023	\$729,000
MRSRG-14-031-01	Reese, Jennifer B., PhD MENTOR: Lepore, Stephen, PhD Fox Chase Cancer Center Cancer Prevention and Control Program Philadelphia, PA	Enhancing Patient-Provider Communication about Sexual Concerns in Cancer	01/01/2015 through 12/31/2019  Transferred From Johns Hopkins University to Fox Chase Cancer Center on 12/31/14	\$729,000

Summary MRSRG

Total Number of Grants: 5

Total Amount Awarded: \$3,644,000



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Extramural Grants

Master's Training Grant in Clinical Oncology Social Work (MSW)

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
MSW-19-070-01	Capparella, Lisa, MSW Thomas Jefferson University Department of Oncology Philadelphia, PA	Master's Training Grant in Clinical Oncology Social Work	07/01/2019 through 06/30/2021	\$24,000

Summary MSW

Total Number of Grants: 1

Total Amount Awarded: \$24,000



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-19-041-01	Longacre, Margaret, PhD Arcadia University Department of Public Health Glenside, PA	The Systematic Integration of Family Caregivers in Cancer Palliative Care	07/01/2019 through 06/30/2021	\$144,000

Summary PEP

Total Number of Grants: 1

Total Amount Awarded: \$144,000



Extramural Grants

Postdoctoral Fellowship (PF)

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
PF-18-218-01	Gardiner, Jaye, PhD MENTOR: Cukierman, Edna, PhD Fox Chase Cancer Center Department of Cancer Biology Philadelphia, PA	Harnessing Pancreatic Cancer's Stroma's Tumor Suppressive Functions	05/01/2019 through 04/30/2022	\$163,500
PF-19-097-01	Krais, John, PhD MENTOR: Johnson, Neil, PhD Institute for Cancer Research, Fox Chase Cancer Center Department of Molecular Therapeutics Philadelphia, PA	Examining the Role of RNF168 in BRCA1 Mutant Breast Cancer	04/01/2019 through 03/31/2021	\$107,500
PF-17-147-01	Posimo, Jessica M., PhD MENTOR: Brady, Donita C., PhD The Trustees of the University of Pennsylvania Department of Cancer Biology Philadelphia, PA	Investigating the Influence of Copper on Autophagy in Pancreatic Cancer	01/01/2018 through 12/31/2020	\$163,500
PF-16-166-01	Psihogios, Alexandra M., PhD MENTOR: Barakat, Lamia P., PhD The Children's Hospital of Philadelphia Department of Pediatrics Philadelphia, PA	Medical Adherence Among Adolescent and Young Adult Cancer Patients	01/01/2017 through 12/31/2019	\$163,500

Summary PF

Total Number of Grants: 4

Total Amount Awarded: \$598,000





Extramural Grants

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Research Professorship (RP)

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
RP-15-207-06	Rustgi, Anil, MD The Trustees of the University of Pennsylvania Department of Medicine Philadelphia, PA	Biology and Genetics of Squamous Cell Cancers and GI Cancers	01/01/2016 through 12/31/2019	\$320,000

Summary RP

Total Number of Grants: 1

Total Amount Awarded: \$320,000



## Extramural Grants

## Research Scholar Grant (RSG)

Grant No.	Investigator/Mentor/Institution	Title	Grant Term	Grant Awarded
RSG-17-197-01	Berman, Andrea J., PhD University of Pittsburgh Department of Biological Sciences Pittsburgh, PA	Molecular Mechanisms of mTOR Signaling Through Larp1 in Epithelial Cancers	01/01/2018 through 12/31/2021	\$792,000
RSG-16-043-01	Bernstein, Kara A., PhD University of Pittsburgh Department of Microbiology and Molecular Genetics Pittsburgh, PA	Role of the Shu Complex Mediated Protein Interactions in Genome Maintenance	07/01/2016 through 06/30/2020	\$791,000
RSG-18-192-01	Bradbury, Angela, MD The Trustees of the University of Pennsylvania Department of Medicine Philadelphia, PA	Effectiveness of MyCancerGene to Optimize Genetic Testing Outcomes	01/01/2019 through 12/31/2022	\$791,000
RSG-19-088-01	Bunimovich, Yuri, MD, PhD University of Pittsburgh Department of Dermatology Pittsburgh, PA	Novel Treatment of Melanoma Through Sensory Nerve Targeting	07/01/2019 through 06/30/2023	\$792,000
RSG-18-185-01	Burns, Timothy, MD, PhD University of Pittsburgh Department of Hematology Oncology Pittsburgh, PA	Targeting the HGF-TWIST1 Pathway to Overcome MET TKI Resistance in NSCLC	01/01/2019 through 12/31/2022	\$709,000
RSG-15-159-01	Capelson, Maya, PhD The Trustees of the University of Pennsylvania Department of Cell and Developmental Biology Philadelphia, PA	Novel Roles of Nuclear Pore Proteins in Chromatin Organization and function	01/01/2016 through 12/31/2019	\$792,000
RSG-19-026-01	Chakrabarti, Rumela, PhD The Trustees of the University of Pennsylvania Department of Biomedical Sciences Philadelphia, PA	DLL1 Mediated Notch Signaling in Tamoxifen Resistance of Breast Cancer	07/01/2019 through 06/30/2023	\$792,000
RSG-17-233-01	DeGraff, David, PhD Penn State University Department of Pathology Hershey, PA	Transcriptional Control of Bladder Cancer Progression	01/01/2018 through 12/31/2021	\$792,000



## Extramural Grants

<b>RSG-16-207-01</b>	Deng, Jie, PhD The Trustees of the University of Pennsylvania School of Nursing Philadelphia, PA	Self-Care for Head and Neck Cancer Survivors with Lymphedema and Fibrosis	01/01/2017 through 12/31/2020	\$789,000
			Transferred From Vanderbilt University to The Trustees of the University of Pennsylvania on 12/31/17	
<b>RSG-18-203-01</b>	Gade, Terence P., MD, PhD The Trustees of the University of Pennsylvania Department of Radiology Philadelphia, PA	Targeting the Metabolic Stress Response in Hepatocellular Carcinoma	01/01/2019 through 12/31/2022	\$792,000
<b>RSG-18-157-01</b>	Gardini, Alessandro, PhD Wistar Institute Department of Gene Expression and Regulation Philadelphia, PA	Role of ARID1A in Ovarian Carcinogenesis	01/01/2019 through 12/31/2022	\$792,000
<b>RSG-18-024-01</b>	Hall, Michael J., MD Institute for Cancer Research, Fox Chase Cancer Center Department of Cancer Prevention and Control Philadelphia, PA	E-IMPART: Enhancing Informed decisions in Physicians & Afr. Amers. for TGP	07/01/2018 through 06/30/2023	\$1,424,250
<b>RSG-15-227-01</b>	Issadore, David A., PhD The Trustees of the University of Pennsylvania Department of Bioengineering Philadelphia, PA	Monitoring Cancer Progression, Metastasis, and Drug Efficacy via Exosomes	01/01/2016 through 12/31/2019	\$792,000
<b>RSG-17-059-01</b>	Kirino, Yohei, PhD Thomas Jefferson University Department of Biochemistry and Molecular Biology Philadelphia, PA	Hormone-Dependent Small Functional RNAs in Breast and Prostate Cancers	07/01/2017 through 06/30/2021	\$792,000
<b>RSG-18-038-01</b>	O'Sullivan, Roderick J., PhD University of Pittsburgh Department of Pharmacology and Chemical Biology Pittsburgh, PA	Mechanistic Dissection of Alternative Lengthening of Telomeres in Cancer	07/01/2018 through 06/30/2022	\$792,000



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## Extramural Grants

<b>RSG-16-102-01</b>	Perl, Alexander, MD The Trustees of the University of Pennsylvania Department of Medicine Philadelphia, PA	Targeting Oncogenic Signal Transduction in Adult Ph-like ALL	03/01/2016 through 02/29/2020	\$792,000
<b>RSG-14-033-01</b>	Ragin, Camille, PhD, MPH Fox Chase Cancer Center Department of Cancer Prevention and Control Philadelphia, PA	Molecular Modeling, Genomics and Racial Disparities in HNSCC	07/01/2014 through 06/30/2020	\$1,749,000
			Funds ended 06/30/19	
<b>RSG-18-031-01</b>	Rompolas, Panteleimon, MBA, PhD The Trustees of the University of Pennsylvania Department of Dermatology Philadelphia, PA	Capturing the Origins of UV Linduced Skin Carcinogenesis by Live Imaging	07/01/2018 through 06/30/2022	\$792,000
<b>RSG-16-017-01</b>	Sabik, Lindsay, PhD University of Pittsburgh Department of Health Policy and Management Pittsburgh, PA	The Impact of Massachusetts Health Reform on Cancer Diagnosis and Treatment	09/01/2016 through 08/31/2019	\$480,000
			Transferred From Virginia Commonwealth University to University of Pittsburgh on 08/31/16Funds ended 08/31/18	
<b>RSG-16-050-01</b>	Shair, Kathy Ho Yen, PhD University of Pittsburgh Department of Microbiology and Molecular Genetics Pittsburgh, PA	Epstein-Barr Virus Oncogenesis in Nasopharyngeal Carcinoma	07/01/2016 through 06/30/2020	\$792,000
<b>RSG-15-184-01</b>	Snyder, Christopher, PhD Thomas Jefferson University Department of Microbiology and Immunology Philadelphia, PA	Using Cytomegalovirus-based Vaccines to Destroy Melanoma	01/01/2016 through 12/31/2019	\$792,000
<b>RSG-16-219-01</b>	Stairs, Douglas, PhD Pennsylvania State University Department of Pathology University Park, PA	Mechanisms of Squamous Cell Carcinoma Invasion	01/01/2017 through 12/31/2020	\$792,000



## Extramural Grants

<b>RSG-18-195-01</b>	Sykes, Stephen, PhD Institute for Cancer Research, Fox Chase Cancer Center Department of Blood Cell Development and Function Philadelphia, PA	Elucidation and Exploitation of the Pro-leukemia Functions of ATF3 and JUN	01/01/2019 through 12/31/2022	\$792,000
<b>RSG-16-233-01</b>	Viatour, Patrick, PhD The Children's Hospital of Philadelphia Department of Pathology and Laboratory Medicine Philadelphia, PA	Targeting E2f1 Oncogenic Functions in Liver Cancer	01/01/2017 through 12/31/2020	\$792,000
<b>RSG-18-048-01</b>	White, Elizabeth, PhD The Trustees of the University of Pennsylvania Department of Otorhinolaryngology Philadelphia, PA	Mechanisms of PTPN14 Function in HPV Transformation and Replication	07/01/2018 through 06/30/2022	\$792,000
<b>RSG-15-027-01</b>	Witze, Eric, PhD The Trustees of the University of Pennsylvania Department of Cancer Biology Philadelphia, PA	Regulation of the Wnt5a-Ror2 Signaling Pathway in Melanoma	07/01/2015 through 06/30/2020	\$792,000
			Funds ended 06/30/19	
<b>RSG-15-167-01</b>	Wu, Jinhua, PhD Fox Chase Cancer Center Department of Developmental Therapeutics Philadelphia, PA	Novel Regulatory Mechanisms for RIAM Activity in Integrin Signaling	01/01/2016 through 12/31/2019	\$792,000
<b>RSG-18-179-01</b>	Yang, Da, PhD University of Pittsburgh Department of Pharmaceutical Sciences Pittsburgh, PA	The Regulation of Cell Cycle by Long Non-coding RNA in Breast Cancer	01/01/2019 through 12/31/2022	\$792,000
<b>RSG-16-053-01</b>	Yang, Zeng-jie, MD, PhD Fox Chase Cancer Center Department of Cancer Biology Philadelphia, PA	The Role of Astroglia-Derived Cholesterol in Medulloblastoma Tumorigenesis	07/01/2016 through 06/30/2020	\$792,000

**Summary RSG****Total Number of Grants: 29****Total Amount Awarded: \$24,157,250**



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## Extramural Grants

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### Summary Grants in Effect for Northeast Division, Pennsylvania State

**Total Number of Grants: 48**

**Total Amount Awarded: \$30,507,250**