



**American Cancer Society, Inc.**  
**Extramural Grants**

Grants in Effect on 8/1/2017

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**Clinical Research Professorship (CRP)**

| <b>Grant No.</b>     | <b>Investigator/Mentor/Institution</b>   | <b>Title</b>   | <b>Grant Term</b>   | <b>Grant Awarded</b> |
|----------------------|--|--|---|----------------------|
| <b>CRP-15-099-06</b> | Miaskowski, Christine, RN, PhD, FAAN<br>The Regents of the University of California, San Francisco<br>Department of Physiological Nursing<br>San Francisco, CA | Clinical Research Professor                                      | 07/01/2015<br>through<br>06/30/2020   | \$400,000            |
| <b>CRP-13-308-06</b> | Rubin-Grandis, Jennifer, MD<br>The Regents of the University of California, San Francisco<br>Department of Otolaryngology<br>San Francisco, CA                 | Head and Neck Cancer as a Model<br>for Bedside-to-Bench Research | 07/01/2013<br>through<br>06/30/2018<br><br>Transferred From<br>University of Pittsburgh to<br>The Regents of the<br>University of California,<br>San Francisco on<br>01/31/15 | \$400,000            |

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**Summary CRP**

**Total Number of Grants: 2**

**Total Amount Awarded: \$800,000**



Extramural Grants

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Doctoral Degree Scholarship in Cancer Nursing (DSCN)

| Grant No.      | Investigator/Mentor/Institution  | Title   | Grant Term                          | Grant Awarded |
|----------------|--|---|-------------------------------------|---------------|
| DSCN-16-063-01 | Pyke-Grimm, Kimberly, MN<br>MENTOR: Rehm, Roberta, PhD<br>The Regents of the University of California, San Francisco<br>Department of Family Health Nursing<br>San Francisco, CA | AYA Involvement in Cancer Treatment Decision Making | 07/01/2016<br>through<br>06/30/2018 | \$30,000      |

Summary DSCN

Total Number of Grants: 1

Total Amount Awarded: \$30,000



Extramural Grants

Graduate Scholarships in Cancer Nursing Practice (GSCNP)

| Grant No.       | Investigator/Mentor/Institution  | Title   | Grant Term  | Grant Awarded |
|-----------------|--|---|---|---------------|
| GSCNP-16-129-01 | Abid, Hamza, BSN<br>MENTOR: Mackin, Lynda, PhD<br>The Regents of the University of California, San Francisco<br>Department of Physiological Nursing<br>San Francisco, CA   | Graduate Scholarship in Cancer Nursing Practice | 07/01/2016 through 06/30/2018<br><hr/> Funds ended 06/30/17 | \$20,000      |
| GSCNP-16-138-01 | Lee, Steven R., BA<br>MENTOR: Mackin, Lynda, PhD<br>The Regents of the University of California, San Francisco<br>Department of Physiological Nursing<br>San Francisco, CA | Graduate Scholarship in Cancer Nursing Practice | 07/01/2016 through 06/30/2018                               | \$20,000      |

Summary GSCNP

Total Number of Grants: 2

Total Amount Awarded: \$40,000



Extramural Grants

Institutional Research Grant (IRG)

| Grant No.     | Investigator/Mentor/Institution   | Title                        | Grant Term  | Grant Awarded |
|---------------|---|------------------------------|---|---------------|
| IRG-15-172-45 | Bouvet, Michael, MD<br>The Regents of the University of California, San Diego<br>Moores Cancer Center<br>La Jolla, CA             | Institutional Research Grant | 01/01/2016<br>through<br>12/31/2018                             | \$360,000     |
| IRG-16-181-57 | Haiman, Christopher A., ScD<br>University of Southern California<br>Department of Preventive Medicine<br>Los Angeles, CA          | Institutional Research Grant | 01/01/2017<br>through<br>12/31/2019                             | \$450,000     |
| IRG-95-125-16 | Lara, Primo, MD<br>University of California, Davis<br>UC Davis Comprehensive Cancer Center<br>Davis, CA                           | Institutional Research Grant | 01/01/2013<br>through<br>12/31/2017<br><br>Funds ended 12/31/15 | \$400,000     |
| IRG-16-187-13 | Nelson, Edward L., MD<br>The Regents of the University of California, Irvine<br>Department of Medicine<br>Irvine, CA              | Institutional Research Grant | 01/01/2017<br>through<br>12/31/2019                             | \$360,000     |
| IRG-14-191-16 | Shannon, Kevin, MD<br>The Regents of the University of California, San Francisco<br>Department of Pediatrics<br>San Francisco, CA | Institutional Research Grant | 01/01/2015<br>through<br>12/31/2017                             | \$360,000     |

Summary IRG

Total Number of Grants: 5

Total Amount Awarded: \$1,930,000



## Extramural Grants

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

| Grant No.       | Investigator/Mentor/Institution   | Title   | Grant Term   | Grant Awarded |
|-----------------|---|---|--|---------------|
| MRSRG-13-053-01 | Fortier, Michelle, PhD<br>MENTOR: Kain, Zeev N., MD<br>The Regents of the University of California,<br>Irvine<br>Department of Anesthesiology and<br>Perioperative Care<br>Irvine, CA     | Mobile Technology to Improve Pain<br>and Symptoms in Children with<br>Cancer      | 01/01/2013<br>through<br>12/31/2017  | \$744,000     |
| MRSRG-13-155-01 | Huh, Jimi, PhD<br>MENTOR: Pentz, Mary Ann, PhD<br>University of Southern California<br>Department of Preventive Medicine<br>Los Angeles, CA   | "Just-in-Time," Adaptive Mobile<br>Cessation for Young Korean<br>American Adults  | 07/01/2013<br>through<br>06/30/2018  | \$729,000     |
| MRSRG-16-165-01 | Kirkpatrick, Matthew, PhD<br>MENTOR: Leventhal, Adam, PhD<br>University of Southern California<br>Department of Preventive Medicine<br>Los Angeles, CA                                    | Interpersonal Mechanisms of<br>Smoking Relapse in Romantic<br>Couples             | 01/01/2017<br>through<br>12/31/2021  | \$694,000     |
| MRSRG-16-029-01 | Kulkarni, Rajan, MD, PhD<br>MENTOR: Rettig, Matthew, MD<br>University of California, Los Angeles<br>Department of Medicine<br>Los Angeles, CA   | Evaluating Single-Cell<br>Heterogeneity in Cancer with<br>Circulating Tumor Cells | 07/01/2017<br>through<br>06/30/2022  | \$729,000     |
| MRSRG-13-233-01 | Montross, Lori, PhD<br>MENTOR: Chochinov, Harvey M., MD, PhD<br>The Regents of the University of California, San<br>Diego<br>Department of Family and Preventive Medicine<br>La Jolla, CA | Positive Outcomes in Cancer Care:<br>Emphasizing Quality of Life and<br>Legacy    | 07/01/2013<br>through<br>06/30/2018<br><br>Transferred From San<br>Diego Hospice<br>Corporation to The<br>Regents of the University<br>of California, San Diego<br>on 06/30/13 | \$714,000     |



Extramural Grants

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|                      |   |  |  |           |
|----------------------|---|--|--|-----------|
| <b>MRS-11-102-01</b> | Nodora, Jesse, DrPH<br>MENTOR: Marcus, Bess, PhD<br>The Regents of the University of California, San Diego<br>Department of Family Medicine and Public Health<br>La Jolla, CA | Patient Navigation for Abnormal Cervical Cancer Screen                 | 01/01/2012 through 12/31/2017  | \$687,000 |
|                      |   |  | Transferred From Arizona Board of Regents, University of Arizona to The Regents of the University of California, San Diego on 12/31/11Funds ended 12/31/16 |           |
| <b>MRS-16-047-01</b> | Warner, Susanne, MD<br>MENTOR: Fong, Yuman, MD<br>Beckman Research Institute of the City of Hope<br>Department of Surgery<br>Duarte, CA                                       | Novel Imageable Chimeric Oncolytic Poxviruses Treat Colorectal Cancers | 07/01/2016 through 06/30/2020  | \$583,000 |

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**Summary MRS**  
**Total Number of Grants: 7**  
**Total Amount Awarded: \$4,880,000**



Extramural Grants

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

| Grant No.     | Investigator/Mentor/Institution   | Title   | Grant Term                          | Grant Awarded |
|---------------|---|---|-------------------------------------|---------------|
| MSW-16-073-08 | Coscarelli, Anne, PhD<br>University of California, Los Angeles<br>Department of Medicine<br>Los Angeles, CA                     | Master's Training Grant in Clinical<br>Oncology SW          | 07/01/2016<br>through<br>06/30/2018 | \$24,000      |
| MSW-17-094-03 | Kang, Raneer, MSW<br>Beckman Research Institute of the City of Hope<br>Department of Supportive Care Medicine<br>Duarte, CA     | Master's Training Grant in Clinical<br>Oncology Social Work | 07/01/2017<br>through<br>06/30/2019 | \$24,000      |
| MSW-17-096-01 | Warner, Amy, MSW<br>Children's Hospital and Research Center,<br>Oakland<br>Department of Medical Social Services<br>Oakland, CA | Master's Training Grant in Clinical<br>Oncology Social Work | 07/01/2017<br>through<br>06/30/2019 | \$24,000      |

Summary MSW

Total Number of Grants: 3

Total Amount Awarded: \$72,000



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-16-056-01 | Kubo, Ai, PhD<br>Kaiser Foundation Research Institute<br>Department of Etiology and Prevention<br>Research<br>Oakland, CA | Mobile App-based Mindfulness<br>Pilot Study for Cancer Patients and<br>Caregivers | 07/01/2016<br>through<br>06/30/2018 | \$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-17-060-01 | Armstrong, Cameron, PhD<br>MENTOR: Gao, Allen, MD<br>University of California, Davis Medical Center<br>Department of Urology<br>Sacramento, CA                                       | AKR1C3 and HSD3B1 Driven<br>Steroidogenesis Confers Anti-<br>Androgen Resistance | 07/01/2017<br>through<br>06/30/2019 | \$111,500     |
| PF-17-041-01 | Barry, Kevin C., PhD<br>MENTOR: Krummel, Matthew F., PhD<br>The Regents of the University of California, San<br>Francisco<br>Department of Pathology<br>San Francisco, CA            | Molecular Mechanisms Controlling<br>Protective Myeloid Cells in Cancer           | 07/01/2017<br>through<br>06/30/2020 | \$163,500     |
| PF-16-087-01 | Brand, Toni, PhD<br>MENTOR: Rubin-Grandis, Jennifer, MD<br>The Regents of the University of California, San<br>Francisco<br>Department of Otolaryngology<br>San Francisco, CA        | Elucidating the Role of HER3 and<br>PI3K in HPV-driven Head and<br>Neck Cancers  | 12/01/2016<br>through<br>11/30/2019 | \$163,500     |
| PF-15-004-01 | Brownlee, Christopher W., PhD<br>MENTOR: Heald, Rebecca, PhD<br>The Regents of the University of California,<br>Berkeley<br>Department of Molecular and Cell Biology<br>Berkeley, CA | Investigating Mitotic Spindle Size<br>Regulation by Importin Alpha               | 07/01/2015<br>through<br>06/30/2018 | \$163,500     |
| PF-15-050-01 | Burke, Jordan, PhD<br>MENTOR: Madhani, Hiten, MD<br>The Regents of the University of California, San<br>Francisco<br>Department of Biochemistry and Biophysics<br>San Francisco, CA  | Stalled Spliceosomes as a Signal<br>for RNAi-mediated Genome<br>Defense          | 07/01/2015<br>through<br>06/30/2018 | \$163,500     |



## Extramural Grants

|                     |   |   |  |           |
|---------------------|---|---|--|-----------|
| <b>PF-17-024-01</b> | Campanale, Joseph P., PhD<br>MENTOR: Montell, Denise, PhD<br>University of California, Santa Barbara<br>Department of Molecular, Cellular and<br>Developmental Biology<br>Santa Barbara, CA | Coordination of Collective Motility<br>by Cell Polarity Signaling                 | 07/01/2017<br>through<br>06/30/2020  | \$163,500 |
| <b>PF-17-061-01</b> | Coles, Garry, PhD<br>MENTOR: Sage, Julien, PhD<br>Stanford University<br>Department of Pediatrics<br>Palo Alto, CA  | PKA Signaling in Small Cell Lung<br>Cancer  | 07/01/2017<br>through<br>06/30/2020  | \$163,500 |
| <b>PF-14-212-01</b> | Conn, Crystal S., PhD<br>MENTOR: Ruggero, Davide, PhD<br>The Regents of the University of California, San<br>Francisco<br>Department of Urology<br>San Francisco, CA                        | Decoding the Translational<br>Program Underlying the Oncogenic<br>Stress Response | 01/01/2015<br>through<br>12/31/2017  | \$163,500 |
| <b>PF-14-178-01</b> | Eddy, Matthew, PhD<br>MENTOR: Stevens, Raymond, PhD<br>University of Southern California<br>Department of Intergrative Structural and<br>Computational Biology<br>Los Angeles, CA           | Revealing the Molecular<br>Mechanisms of Human GPCR<br>Signaling in Cancer        | 01/01/2015<br>through<br>12/31/2017<br><br>Transferred From The<br>Scripps Research Institute<br>to University of Southern<br>California on 12/31/14 | \$163,500 |
| <b>PF-14-179-01</b> | Eichhorn, Catherine, PhD<br>MENTOR: Feigon, Juli, PhD<br>University of California, Los Angeles<br>Department of Chemistry and Biochemistry<br>Los Angeles, CA                               | Role of hLARP7 in P-TEFb<br>Inactivation  | 01/01/2015<br>through<br>12/31/2017  | \$163,500 |
| <b>PF-15-037-01</b> | Eichner, Lillian J., PhD<br>MENTOR: Shaw, Reuben J., PhD<br>Salk Institute for Biological Studies<br>Department of Molecular and Cell Biology<br>La Jolla, CA                               | Defining the role of Class IIa<br>HDACs as therapeutic targets in<br>lung cancer  | 12/01/2015<br>through<br>11/30/2018  | \$163,500 |



## Extramural Grants

|                     |   |   |                                     |           |
|---------------------|---|---|-------------------------------------|-----------|
| <b>PF-16-258-01</b> | Frank, Matthew, MD, PhD<br>MENTOR: Levy, Ronald, MD<br>Stanford University<br>Department of Medicine<br>Palo Alto, CA   | A Novel Bispecific Antibody for the<br>Treatment of B cell Lymphoma           | 07/01/2017<br>through<br>06/30/2020 | \$163,500 |
| <b>PF-16-106-01</b> | Goetsch, Paul, PhD<br>MENTOR: Strome, Susan, PhD<br>University of California, Santa Cruz<br>Department of Molecular, Cell, and<br>Developmental Biology<br>Santa Cruz, CA           | Elucidating How the DRM Complex<br>Prevents Soma-to-Germline<br>Transitions   | 07/01/2016<br>through<br>06/30/2018 | \$111,500 |
| <b>PF-17-020-01</b> | Ha, Duc, MD<br>MENTOR: Fuster, Mark M., MD<br>The Regents of the University of California, San<br>Diego<br>Department of Medicine<br>La Jolla, CA                                   | Physiologic and Patient-Reported<br>Outcome Assessments in Lung<br>Cancer     | 07/01/2017<br>through<br>06/30/2020 | \$163,500 |
| <b>PF-15-007-01</b> | Ho, Stephen, PhD<br>MENTOR: Wender, Paul A., PhD<br>Stanford University<br>Department of Chemistry<br>Stanford, CA  | A Small Molecule Approach For<br>Enhancing Cancer Immunotherapy               | 07/01/2015<br>through<br>06/30/2018 | \$163,500 |
| <b>PF-15-157-01</b> | Jones, Stephen, PhD<br>MENTOR: Molofsky, Ari B., MD, PhD<br>The Regents of the University of California, San<br>Francisco<br>Department of Laboratory Medicine<br>San Francisco, CA | The Mechanistic Effects of Th2 and<br>Th17 Lung Inflammation on<br>Metastasis | 01/01/2016<br>through<br>12/31/2018 | \$163,500 |
| <b>PF-16-155-01</b> | Kabeche, Ruth, PhD<br>MENTOR: Desai, Arshad, PhD<br>Ludwig Institute for Cancer Research, San<br>Diego<br>Department of Cellular and Molecular Medicine<br>La Jolla, CA             | Investigating Centrosome<br>Functions in Normal and Cancer<br>Cells           | 01/01/2017<br>through<br>12/31/2019 | \$163,500 |



## Extramural Grants

|                     |   |   |   |           |
|---------------------|---|---|---|-----------|
| <b>PF-16-211-01</b> | Ma, Qi, PhD<br>MENTOR: Rosenfeld, Michael G., MD<br>The Regents of the University of California, San Diego<br>Department of Medicine<br>La Jolla, CA                    | A Novel Enhancer/Gene Repression Mechanism as a Cancer Prognostic Indicator | 01/01/2017<br>through<br>12/31/2019                             | \$163,500 |
| <b>PF-15-215-01</b> | Manford, Andrew, PhD<br>MENTOR: Rape, Michael, PhD<br>The Regents of the University of California, Berkeley<br>Department of Molecular and Cell Biology<br>Berkeley, CA | Uncovering Roles of Ubiquitylation During Cellular Differentiation          | 01/01/2016<br>through<br>12/31/2018                             | \$163,500 |
| <b>PF-16-231-01</b> | Paik, Jason C., MD, PhD<br>MENTOR: Engleman, Edgar G., MD<br>Stanford University<br>Department of Pathology<br>Palo Alto, CA  | Allogeneic Antibodies As Immunotherapy Against Cancer                       | 01/01/2017<br>through<br>12/31/2019                             | \$163,500 |
| <b>PF-16-103-01</b> | Rosen, Laura, PhD<br>MENTOR: Morgan, David, PhD<br>The Regents of the University of California, San Francisco<br>Department of Physiology<br>San Francisco, CA          | Biochemical Mechanisms Underlying the Timing of Chromosome Segregation      | 07/01/2016<br>through<br>06/30/2019                             | \$163,500 |
| <b>PF-15-165-01</b> | Saldivar, Joshua, PhD<br>MENTOR: Cimprich, Karlene A., PhD<br>Stanford University<br>Department of Chemical and Systems Biology<br>Stanford, CA                         | The role of NIMA-Related Kinase 8 in DNA Replication Fork Stability         | 01/01/2016<br>through<br>12/31/2018                             | \$163,500 |
| <b>PF-17-116-01</b> | Santiago-Medina, Miguel, PhD<br>MENTOR: Yang, Jing, PhD<br>The Regents of the University of California, San Diego<br>Pharmacology and Pediatrics<br>La Jolla, CA        | The Role of Fibroblast Activation Protein in Invadopodia-Mediated Invasion  | 07/01/2017<br>through<br>06/30/2020<br><br>Funds ended 06/29/20 | \$163,500 |



## Extramural Grants

|                     |   |  |                                     |           |
|---------------------|---|--|-------------------------------------|-----------|
| <b>PF-14-180-01</b> | Sood, Pranidhi, PhD<br>MENTOR: Marshall, Wallace, PhD<br>The Regents of the University of California, San Francisco<br>Department of Biochemistry and Biophysics<br>San Francisco, CA | Spatial and Temporal<br>Transcriptional Dynamics in Single-<br>cell Regeneration     | 03/01/2015<br>through<br>02/28/2018 | \$163,500 |
| <b>PF-14-256-01</b> | Stadler, Michael, PhD<br>MENTOR: Eisen, Michael B., PhD<br>The Regents of the University of California,<br>Berkeley<br>Department of Molecular and Cell Biology<br>Berkeley, CA       | Dissecting Enchancers:<br>Combining Functional Genomics<br>with Single Locus Imaging | 01/01/2015<br>through<br>12/31/2017 | \$163,500 |
| <b>PF-15-202-01</b> | Stepanik, Vincent, PhD<br>MENTOR: Stathopoulos, Angelike, PhD<br>California Institute of Technology<br>Developmental Biology and Genetics<br>Pasadena, CA                             | Developmental Dynamics and<br>Regulated Cleavage of Fibroblast<br>Growth Factors     | 09/01/2015<br>through<br>08/31/2017 | \$111,500 |
| <b>PF-16-060-01</b> | Tan, Frederick E., PhD<br>MENTOR: Yeo, Gene, PhD<br>The Regents of the University of California, San<br>Diego<br>Department of Cellular and Molecular Medicine<br>La Jolla, CA        | Posttranscriptional Control of<br>Hippo/YAP Signaling by LIN28<br>Proteins           | 07/01/2016<br>through<br>06/30/2019 | \$163,500 |
| <b>PF-17-015-01</b> | Van Dyk, Kathleen M., PhD<br>MENTOR: Ganz, Patricia, MD<br>The Regents of the University of California, Los<br>Angeles<br>UCLA Fielding School of Public Health<br>Los Angeles, CA    | Cognitive Decline in Breast Cancer<br>Survivors                                      | 07/01/2017<br>through<br>06/30/2020 | \$163,500 |
| <b>PF-16-011-01</b> | Welin, Eric R., PhD<br>MENTOR: Stoltz, Brian M., PhD<br>California Institute of Technology<br>Department of Chemistry and Chemical<br>Engineering<br>Pasadena, CA                     | Asymmetric Total Synthesis of the<br>Anti-Cancer Agent (-)-Jorumycin                 | 07/01/2016<br>through<br>06/30/2019 | \$163,500 |



### Extramural Grants

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|              |  |   |                                     |           |
|--------------|--|---|-------------------------------------|-----------|
| PF-15-142-01 | Zaro, Balyn W., PhD<br>MENTOR: Cravatt, Benjamin F., PhD<br>The Scripps Research Institute<br>Department of Chemical Physiology<br>LaJolla, CA | Achieving Kinetic Selectivity for<br>Irreversible Enzyme Inhibitors | 01/01/2016<br>through<br>12/31/2018 | \$163,500 |
|--------------|--|---|-------------------------------------|-----------|

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**Summary PF**

**Total Number of Grants: 30**

**Total Amount Awarded: \$4,749,000**



Extramural Grants

Physician Training Award in Cancer Prevention (PTAPM)

| Grant No.       | Investigator/Mentor/Institution   | Title  | Grant Term  | Grant Awarded |
|-----------------|---|--|---|---------------|
| PTAPM-97-181-16 | Hill, Linda L., MD, MPH<br>The Regents of the University of California, San Diego<br>Department of Family and Preventive Medicine<br>La Jolla, CA | Physician Training Award in<br>Cancer Prevention | 01/01/2013<br>through<br>06/30/2019<br><hr/> Funds ended 06/30/17 | \$400,000     |

Summary PTAPM

Total Number of Grants: 1

Total Amount Awarded: \$400,000



Extramural Grants

Research Professorship (RP)

| Grant No.    | Investigator/Mentor/Institution  | Title  | Grant Term                          | Grant Awarded |
|--------------|--|--|-------------------------------------|---------------|
| RP-16-238-06 | Hariharan, Iswar K., MBBS, PhD<br>The Regents of the University of California,<br>Berkeley<br>Department of Molecular and Cell Biology<br>Berkeley, CA | Identifying Novel Ways of<br>Preventing Tumor Growth                       | 01/01/2017<br>through<br>12/31/2020 | \$320,000     |
| RP-15-101-06 | Shannon, Kevin, MD<br>The Regents of the University of California, San<br>Francisco<br>Department of Pediatrics<br>San Francisco, CA                   | Research Professor Award: Kevin<br>Shannon                                 | 07/01/2015<br>through<br>06/30/2020 | \$400,000     |
| RP-15-209-01 | Villeneuve, Anne M., PhD<br>Stanford University<br>Department of Developmental Biology<br>Stanford, CA   | Research Professor - Mechanisms<br>of Genome Inheritance during<br>Meiosis | 01/01/2016<br>through<br>12/31/2020 | \$400,000     |

Summary RP

Total Number of Grants: 3

Total Amount Awarded: \$1,120,000





## Extramural Grants

## Research Scholar Grant (RSG)

| Grant No.     | Investigator/Mentor/Institution  | Title   | Grant Term  | Grant Awarded |
|---------------|--|---|---|---------------|
| RSG-14-074-01 | Bagchi, Anindya, PhD<br>Sanford-Burnham Prebys Discovery Institute<br>Department of Tumor Initiation and Maintenance<br>La Jolla, CA                 | Functional Analysis of Low Copy<br>Number Gain of Human 8q24 in<br>Breast Cancer  | 07/01/2014<br>through<br>06/30/2018<br><br>Transferred From The<br>Regents of the University<br>of Minnesota - Twin Cities<br>to Sanford-Burnham<br>Prebys Discovery Institute<br>on 04/02/17 | \$792,000     |
| RSG-16-217-01 | Breunig, Joshua J., PhD<br>Cedars-Sinai Medical Center<br>Department of Biomedical Sciences<br>Los Angeles, CA                                       | Ets Factors in Glioma   | 01/01/2017<br>through<br>12/31/2020   | \$792,000     |
| RSG-13-032-01 | Brueckner, Katja, PhD<br>The Regents of the University of California, San<br>Francisco<br>Department of Cell and Tissue Biology<br>San Francisco, CA | Molecular Mechanisms of<br>Hematopoietic Regulation by the<br>Nervous System      | 01/01/2013<br>through<br>12/31/2017<br><br>Funds ended 12/31/16   | \$720,000     |
| RSG-15-187-01 | Carroll, Judith, PhD<br>University of California, Los Angeles<br>Department of Psychiatry and Biobehavioral<br>Sciences<br>Los Angeles, CA           | Biobehavioral Vulnerability to<br>Accelerated Aging In Breast<br>Cancer Survivors | 01/01/2016<br>through<br>12/31/2019   | \$791,000     |
| RSG-15-016-01 | Chao, Chun, PhD<br>Kaiser Foundation Research Institute<br>Department of Research and Evaluation<br>Oakland, CA                                      | Chronic Health Problems in<br>Survivors of Adolescent and Young<br>Adult Cancer   | 07/01/2015<br>through<br>06/30/2019   | \$792,000     |
| RSG-16-028-01 | Chaudhuri, Ovijit, PhD<br>Stanford University<br>Department of Mechanical Engineering<br>Stanford, CA  | Role OF Matrix Malleability In<br>Breast Cancer Invasion And<br>Metastasis        | 07/01/2016<br>through<br>06/30/2020   | \$792,000     |



## Extramural Grants

|                      |   |   |                                     |             |
|----------------------|---|---|-------------------------------------|-------------|
| <b>RSG-15-162-01</b> | Chen, Ching-Cheng, PhD<br>Beckman Research Institute of the City of Hope<br>Department of Hematology<br>Duarte, CA  | Understanding and Targeting<br>Leukemic Bone Marrow Niche                       | 01/01/2016<br>through<br>12/31/2019 | \$792,000   |
| <b>RSG-16-111-01</b> | Christofk, Heather, PhD<br>University of California, Los Angeles<br>Department of Molecular and Medical<br>Pharmacology<br>Los Angeles, CA                        | Use of Viruses to Study Cancer<br>Metabolism                                    | 07/01/2016<br>through<br>06/30/2020 | \$792,000   |
| <b>RSG-14-110-01</b> | Einav, Shirit, MD<br>Stanford University<br>Department of Medicine<br>Stanford, CA  | Roles of Clathrin Adaptor Proteins-<br>mediated Pathways in HCV<br>Infection    | 07/01/2014<br>through<br>06/30/2018 | \$777,000   |
| <b>RSG-15-003-01</b> | Ellingson, Benjamin M., PhD<br>University of California, Los Angeles<br>Department of Radiological Sciences<br>Los Angeles, CA                                    | pH-Weighted Molecular MRI in<br>Brain Tumors                                    | 07/01/2015<br>through<br>06/30/2019 | \$790,000   |
| <b>RSG-17-005-01</b> | Evans, Michael J., PhD<br>The Regents of the University of California, San<br>Francisco<br>Department of Radiology and Biomedical<br>Imaging<br>San Francisco, CA | Development of a Biomarker for<br>Imaging mTORC1 Activity with PET              | 07/01/2017<br>through<br>06/30/2021 | \$792,000   |
| <b>RSG-13-370-01</b> | Ferrell, Betty R., PhD, MA, FAAN, FPCN<br>Beckman Research Institute of the City of Hope<br>Department of Population Sciences<br>Duarte, CA                       | A Palliative Care Intervention for<br>Poor and Underserved Cancer<br>Caregivers | 07/01/2013<br>through<br>06/30/2018 | \$1,500,000 |
|                      |   |   | Funds ended 06/30/17                |             |
| <b>RSG-17-133-01</b> | Finley, Stacey, PhD<br>University of Southern California<br>Department of Biomedical Engineering<br>Los Angeles, CA   | Predictive Mechanistic Model of<br>Angiogenic Factors in Breast<br>Cancer       | 07/01/2017<br>through<br>06/30/2021 | \$792,000   |
| <b>RSG-13-193-01</b> | Forsberg, Camilla, PhD<br>University of California, Santa Cruz<br>Department of Biomolecular Engineering<br>Santa Cruz, CA  | Mechanisms of Robo4-Mediated<br>Hematopoietic Stem Cell<br>Engraftment          | 07/01/2013<br>through<br>06/30/2018 | \$720,000   |
|                      |   |   | Funds ended 06/30/17                |             |



## Extramural Grants

|                      |   |   |                                     |             |
|----------------------|---|---|-------------------------------------|-------------|
| <b>RSG-17-068-01</b> | Goldstein, Andrew, PhD<br>The Regents of the University of California, Los Angeles<br>Department of Molecular and Medical Pharmacology<br>Los Angeles, CA | Defining the Role of CD38 in Prostate Cancer                                | 07/01/2017<br>through<br>06/30/2021 | \$792,000   |
| <b>RSG-17-114-01</b> | Goodarzi, Hani, PhD<br>The Regents of the University of California, San Francisco<br>Department of Biochemistry and Biophysics<br>San Francisco, CA       | A Pro-metastatic Regulatory Program That Modulates Translation Efficiency   | 07/01/2017<br>through<br>06/30/2021 | \$731,000   |
| <b>RSG-13-383-01</b> | Izumiya, Yoshihiro, DVM, PhD<br>University of California, Davis<br>Department of Dermatology<br>Davis, CA   | Oncogenic Pathways of KSHV  | 10/01/2013<br>through<br>09/30/2017 | \$718,000   |
| <b>RSG-13-166-01</b> | Jacoby, Vanessa, MD<br>The Regents of the University of California, San Francisco<br>Department of Gynecology<br>San Francisco, CA                        | Oophorectomy for BRCA Mutations: Cardiac Risk, Bone Health, Quality of Life | 07/01/2013<br>through<br>06/30/2018 | \$1,596,000 |
| <b>RSG-13-297-01</b> | Ji, Hanlee, MD<br>Leland Stanford Junior University<br>Department of Medicine<br>Stanford, CA   | Oncogenic Pathways in Gastric Cancer Development and Metastatic Evolution   | 07/01/2013<br>through<br>06/30/2018 | \$720,000   |
|                      |   |   | Funds ended 06/30/17                |             |
| <b>RSG-16-085-01</b> | Kong, Mei, PhD<br>Beckman Research Institute of the City of Hope<br>Department of Cancer Biology<br>Duarte, CA  | Regulation of PP2A Complexes Upon Metabolic or Genotoxic Stresses           | 07/01/2016<br>through<br>06/30/2020 | \$792,000   |
| <b>RSG-16-167-01</b> | Kroenke, Candyce, ScD, MPH<br>Kaiser Foundation Research Institute<br>Department of Research<br>Oakland, CA   | Race Disparities in Social Networks, and Breast Cancer Treatment, Prognosis | 01/01/2017<br>through<br>12/31/2020 | \$765,000   |
| <b>RSG-14-186-01</b> | Lazzerini Denchi, Eros, PhD<br>The Scripps Research Institute<br>Department of Molecular and Experimental Medicine<br>LaJolla, CA                         | Define the Chromatin Composition of Functional and Dysfunctional Telomere   | 01/01/2015<br>through<br>12/31/2018 | \$777,000   |



## Extramural Grants

|                      |  |  |                                     |             |
|----------------------|--|--|-------------------------------------|-------------|
| <b>RSG-13-163-01</b> | Leventhal, Adam, PhD<br>University of Southern California<br>Department of Preventive Medicine<br>Los Angeles, CA  | Genetics of Tobacco Withdrawal in<br>African Americans                           | 07/01/2013<br>through<br>06/30/2018 | \$1,785,000 |
| <b>RSG-14-202-01</b> | Lodoen, Melissa, PhD<br>The Regents of the University of California,<br>Irvine<br>Department of Molecular Biology and<br>Biochemistry<br>Irvine, CA        | Defining the Mechanisms of<br>Parasite Spread During<br>Toxoplasmosis            | 01/01/2015<br>through<br>12/31/2018 | \$792,000   |
| <b>RSG-15-146-01</b> | Maimone, Thomas, PhD<br>The Regents of the University of California,<br>Berkeley<br>Department of Chemistry<br>Berkeley, CA                                | Small Molecule<br>Chemotherapeutics Inspired by<br>Natural Products              | 01/01/2016<br>through<br>12/31/2019 | \$792,000   |
| <b>RSG-15-229-01</b> | McDonald, Carrie R., PhD<br>The Regents of the University of California, San<br>Diego<br>Department of Psychiatry<br>La Jolla, CA                          | Restriction Spectrum Imaging for<br>Detecting and Monitoring Brain<br>Tumors     | 01/01/2016<br>through<br>12/31/2019 | \$738,000   |
| <b>RSG-14-217-01</b> | Memarzadeh, Sanaz, MD, PhD<br>University of California, Los Angeles<br>Ob/Gyn and Biological Chemistry<br>Los Angeles, CA                                  | Exploiting Cellular Hierarchy and<br>TP53 Defects in Therapy of Serous<br>Tumors | 01/01/2015<br>through<br>12/31/2018 | \$792,000   |
| <b>RSG-14-242-01</b> | Nomura, Daniel K., PhD<br>The Regents of the University of California,<br>Berkeley<br>Department of Nutritional Sciences and<br>Toxicology<br>Berkeley, CA | Characterizing the Role of AGPS<br>and Ether Lipids in Driving Cancer            | 01/01/2015<br>through<br>12/31/2018 | \$792,000   |
| <b>RSG-17-023-01</b> | Patel, Sunita K., PhD<br>Beckman Research Institute of the City of Hope<br>Department of Population Sciences; Supportive<br>Care Medicine<br>Duarte, CA    | Reducing Learning and HRQOL<br>Disparities in Latino Children with<br>Cancer     | 07/01/2017<br>through<br>06/30/2021 | \$1,221,000 |



## Extramural Grants

|                      |   |   |                                     |                      |
|----------------------|---|---|-------------------------------------|----------------------|
| <b>RSG-14-225-01</b> | Pratt, Matthew R., PhD<br>University of Southern California<br>Department of Chemistry<br>Los Angeles, CA                                   | From Cancer Metabolism to<br>Protein Glycosylation and Back                       | 01/01/2015<br>through<br>12/31/2018 | \$792,000            |
| <b>RSG-16-041-01</b> | Qiao, Feng, PhD<br>The Regents of the University of California,<br>Irvine<br>Department of Biological Chemistry<br>Irvine, CA               | Role of Shelterin Components in<br>Telomerase-independent Telomere<br>Maintenance | 07/01/2016<br>through<br>06/30/2020 | \$792,000            |
| <b>RSG-13-010-01</b> | Reisman, Sarah, PhD<br>California Institute of Technology<br>Department of Chemistry<br>Pasadena, CA  | New Methods and Strategies for<br>the Synthesis of Anticancer Natural<br>Products | 01/01/2013<br>through<br>12/31/2017 | \$720,000            |
|                      |   |   |                                     | Funds ended 12/31/16 |
| <b>RSG-14-177-01</b> | Riedel-Kruse, Ingmar, PhD<br>Stanford University<br>Department of Bioengineering<br>Stanford, CA  | Elucidating the Mechanobiology of<br>Mancer with FRET Based Tension<br>Sensors    | 01/01/2015<br>through<br>12/31/2018 | \$787,000            |
| <b>RSG-17-003-01</b> | Scafoglio, Claudio, MD, PhD<br>The Regents of the University of California, Los<br>Angeles<br>Department of Medicine<br>Los Angeles, CA     | Sodium-Glucose Transporter 2 in<br>Lung Cancer Early Detection and<br>Treatment   | 07/01/2017<br>through<br>06/30/2021 | \$792,000            |
| <b>RSG-16-250-01</b> | Setiawan, Veronica W., PhD<br>University of Southern California<br>Department of Preventive Medicine<br>Los Angeles, CA                     | Determinants of Racial/Ethnic<br>Disparities in Pancreatic Cancer<br>Incidence    | 01/01/2017<br>through<br>12/31/2019 | \$594,000            |
| <b>RSG-16-234-01</b> | Shackelford, David B., PhD<br>University of California, Los Angeles<br>Department of Medicine<br>Los Angeles, CA                            | Targeting Metabolic Plasticity in<br>Squamous Cell Lung Carcinoma                 | 01/01/2017<br>through<br>12/31/2020 | \$792,000            |
| <b>RSG-14-183-01</b> | Stohr, Bradley A., MD, PhD<br>The Regents of the University of California, San<br>Francisco<br>Department of Pathology<br>San Francisco, CA | Identifying Key Telomerase Activity<br>Patterns in Human Cells                    | 01/01/2015<br>through<br>12/31/2018 | \$792,000            |



Extramural Grants

|                      |  |  |                                     |           |
|----------------------|--|--|-------------------------------------|-----------|
| <b>RSG-13-398-01</b> | Torres, Jorge, PhD<br>University of California, Los Angeles<br>Department of Chemistry and Biochemistry<br>Los Angeles, CA                               | Molecular Analysis of STARD9, a<br>Novel Target for Cancer Therapy             | 01/01/2014<br>through<br>12/31/2017 | \$720,000 |
| <b>RSG-16-200-01</b> | Young, Travis, PhD<br>California Institute for Medical Research<br>Department of Biology<br>San Jose, CA   | Switch Mediated Activation and<br>Retargeting of CAR-T cells                   | 01/01/2017<br>through<br>12/31/2020 | \$792,000 |
| <b>RSG-17-013-01</b> | Zhang, Wenjun, PhD<br>The Regents of the University of California,<br>Berkeley<br>Department of Chemical and Biomolecular<br>Engineering<br>Berkeley, CA | Antimycin-Type Anti-Cancer Drug<br>Development: Go Beyond Natural<br>Evolution | 07/01/2017<br>through<br>06/30/2021 | \$792,000 |

Summary RSG

Total Number of Grants: 40

Total Amount Awarded: \$33,802,000



Extramural Grants

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Research Scholar Grant - Insurance (RSGI)

| Grant No.      | Investigator/Mentor/Institution   | Title   | Grant Term                          | Grant Awarded |
|----------------|---|---|-------------------------------------|---------------|
| RSGI-15-017-01 | Litwin, Mark S., MD, MPH<br>University of California, Los Angeles<br>Department of Urology and Health Services<br>Los Angeles, CA | Men's Experiences Transitioning<br>from Disease-specific to ACA<br>Coverage | 07/01/2015<br>through<br>06/30/2019 | \$792,000     |

Summary RSGI

Total Number of Grants: 1

Total Amount Awarded: \$792,000



# American Cancer Society, Inc.

## Extramural Grants

Grants in Effect on 8/1/2017

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### Summary Grants in Effect for West Division, California State

|                                |                     |
|--------------------------------|---------------------|
| <b>Total Number of Grants:</b> | <b>96</b>           |
| <b>Total Amount Awarded:</b>   | <b>\$48,759,000</b> |