

| Research Theme   | Postdoc Trainee Name    | Trainee Department             | Application Title   | Lead Mentor Name  | Lead Mentor Department         |
|--|-------------------------|--------------------------------|---|-------------------|--------------------------------|
| Enriching Human Life and Society                                 | Kay Yeung               | Pharmacology                   | Single-cell epigenomics and transcriptomic analysis of metastatic tumor dormancy in breast cancer   | Yang, Jing        | Pharmacology                   |
| Enriching Human Life and Society                                 | Raphael Ribeiro         | Chemistry and Biochemistry     | Remote control of chemical reactions  | Yuen Zhou, Joel   | Chemistry And Biochemistry     |
| Enriching Human Life and Society                                 | Killian Oukoloff        | Skaggs School of Pharmacy      | Drug Discovery for Hereditary Multiple Exostoses  | Ballatore, Carlo  | Pharmaceutical Chemistry       |
| Enriching Human Life and Society                                 | Lorena Hidalgo San Jose | Medicine                       | Rejuvenating aging stem cells by enhancing protein homeostasis  | Signer, Robert    | Cancer Center                  |
| Enriching Human Life and Society                                 | Jordan Kohn             | Psychiatry                     | The role of neurovascular inflammation mediated by cholinergic anti-inflammatory pathway (CAP) dysregulation in smoking-associated neurocognitive outcomes among older adults | Hong, Suzi        | Psychiatry                     |
| Enriching Human Life and Society                                 | Sanaz Sadegh            | Neurosciences                  | Non-degenerate 2-photon microscopy for deep brain imaging   | Devor, Anna       | Neurosciences                  |
| Enriching Human Life and Society                                 | Granton Jindal          | Medicine                       | Elucidating regulatory principles governing heart development   | Farley, Emma      | Medicine                       |
| Enriching Human Life and Society                                 | Alessandra Porcu        | Psychiatry                     | Photoperiod-induced Neurotransmitter Switching in the Suprachiasmatic Nucleus   | Dulcis, Davide    | Psychiatry                     |
| Exploring the Basis of Human Knowledge, Learning, and Creativity | Ermanno Florio          | Biological Sciences            | Neuronal-specific Transcriptional Regulation of Enhancer RNAs in Learning and Memory  | Telese, Francesca | Medicine                       |
| Exploring the Basis of Human Knowledge, Learning, and Creativity | Shannon Butler          | Cell and Developmental Biology | Integrating data: an essential, yet overlooked, critical thinking skill   | Tour, Ella        | Cell & Developmental Biology   |
| Exploring the Basis of Human Knowledge, Learning, and Creativity | Kelly Courtney          | Psychiatry                     | Attentional Bias and Spontaneous Eye Blink as Physiological Markers of Substance Craving Induced through Virtual Reality  | Schulze, Jurgen   | Computer Science & Engineering |

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| Understanding and Protecting the Planet                      | Heather Broccard-Bell      | Ecology, Behavior, and Evolution                       | Automating Waggle Dance Detection and Characterization: Developing a Long-Term Observation and Biomonitoring Tool for Honey Bee Colonies.        | Nieh, James            | Ecology, Behavior & Evolution        |
| Understanding and Protecting the Planet                      | Kapil Amarnath             | Physics  | Quantitative physiology of marine microbial communities  | Hwa, Terence           | Physics                              |
| Understanding and Protecting the Planet                      | Glenna Clifton             | Mechanical and Aerospace Engineering                   | Diversity of locomotor patterns across ecological habitats   | Gravish, Nicholas      | Mechanical And Aerospace Engineering |
| Understanding and Protecting the Planet                      | Ellen Wehrens              | Division of Biological Sciences                        | An interdisciplinary approach to define cytotoxic CD4 T cells at the single cell level   | Zuniga, Elina          | Molecular Biology                    |
| Understanding and Protecting the Planet                      | Cristina Salmerón Salvador | Scripps Institution of Oceanography                    | Characterization of a Golgi-specific signaling microdomain: implications for human health and marine life  | Tresguerres, Martin    | Scripps Institution of Oceanography  |
| Understanding and Protecting the Planet                      | David Welkie               | Center for Circadian Biology (ORU)                     | Creating a predictive metabolic model of photoautotrophic metabolism in <i>Synechococcus elongatus</i> PCC 7942 to improve bioengineering design | Golden, Susan          | Molecular Biology                    |
| Understanding cultures and Addressing Disparities in Society | Gina Merchant              | Biomedical Informatics, Family Medicine, Public Health | Vaccine hesitancy in Web 2.0: Exposure to misinformation is a public health threat   | Sawyer, Mark           | Pediatrics                           |
| Understanding cultures and Addressing Disparities in Society | Eliana Hurwich-Reiss       | Psychiatry   | AIM HI Educativa: A Culturally Responsive Intervention Enhancement for Children with Autism Spectrum Disorder                                    | Brookman-Fraze, Lauren | Psychiatry                           |
| Understanding cultures and Addressing Disparities in Society | Justin De Leon             | Ethnic Studies   | Storytelling Laboratory: Native American Community Empowerment, Representation, and Security   | Buelle, Julie          | Theater & Dance                      |