**ESR 5. List of 2017-18 University of California, San Francisco Clinical Microsystem Clerkship (CMC) Health System Improvement projects, organized by clinical setting and specialty.**

| **Clinical Setting** | **CMC Health Systems Improvement Project Topics** |
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| **Inpatient Care** |  |
| Emergency Medicine | Door To Needle Time  |
| Emergency Medicine | Sepsis Bundle Compliance  |
| Adult Medicine | Delirium Reduction  |
| Adult Medicine | Mobility Improvement  |
| Adult Medicine | Fall Reduction  |
| Adult Medicine | Sleep in the Hospital |
| Adult Medicine | Discharge Medication Reconciliation  |
| Adult Medicine | Interhospital Transfer Redesign |
| Adult Medicine | Patient Care Experience in the Safety Net |
| Adult Medicine | Pre-Exposure Prophylaxis (PrEP) Referrals  |
| Adult Medicine | Naloxone Prescribing at Discharge |
| Adult Medicine | Palliative Care Patient Satisfaction  |
| Pediatrics | Delirium Reduction in Critical Care  |
| Pediatrics | Respiratory Distress in Asthma |
| Psychiatry | Psychiatry Readmissions Reduction |
| Psychiatry | Tobacco Use Assessment and Counseling  |
| Nursing Home | Chronic Pain Treatment in Older Adults |
| Nursing Home | Urinary Tract Infection Work-Up and Prevention |
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| **Ambulatory Care** |   |
| Primary Care | Flu Vaccination |
| Primary Care | Hypertension Control in Black Patients  |
| Primary Care | Hypertension Management  |
| Primary Care | Polypharmacy Among Older Patients  |
| Primary Care | Depression and Suicidality  |
| Primary Care | Interprofessional Veteran Transgender Clinic  |
| Primary Care | Hepatitis C Treatment Rates  |
| Primary Care | Hepatocellular Carcinoma Screening  |
| Primary Care | Alcohol Use Disorder in Veterans |
| Primary Care | Sexual Therapy Referral at a Women's Health Clinic |
| Primary Care | Interpersonal Violence Education and Screening  |
| Primary Care | Depression Treatment  |
| Primary Care | Depression Screening  |
| Primary Care | Cycle Time Reduction in Women's Health  |
| Primary Care | Naloxone and Opioid Overdose |
| Infectious Diseases | Improving Value in HIV PrEP Clinic  |
| Neurology | Vaccinations in Multiple Sclerosis |
| Neurology | Flu Shots in the Pediatric Brain Center |
| Neurology | Neurogenic Bladder  |
| Psychiatry | Mental Health Care for Veterans  |
| Psychiatry | Non-Emergent Mental Health Care |
| Pediatrics | Patient Wait Time  |
| Pediatrics | Secondhand Smoking Cessation  |
| Pediatrics | Sexually Transmitted Infection Screening  |
| Rheumatology | High-Risk Immunosuppressive Medication Administration |
| Rheumatology | Safe Prescribing of Hydroxychloroquine |
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| **Perioperative Care** |   |
| Ob-Gyn | Pregnancy-Related Deaths from Obstetric Hemorrhage  |
| Ob-Gyn | Time from Decision to Incision in Unplanned Cesarean Sections  |
| Ob-Gyn | Enhanced Recovery Pathways in Minimally Invasive Gynecology Oncology Surgery |
| Anesthesia | Multimodal Analgesia Use in Minimally Invasive Gynecology Oncology Surgery |
| Surgery | Post-Lung-Transplant New Onset Diabetes  |
| Surgery | Post Lung Transplant Caregiver Wellness |
| Surgery | A Surgery Wellness Program for Frail Patients |
| Surgery | Post-Endocrine Surgery Readmission Reduction |
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| **Other** |   |
| Clinical Informatics | An Application Testing Environment for an Electronic Health Record |