

## Health Sciences Center at Prisma Health COVID-19 Seed Grant Awardees

Title	PI's	Co-Investigators	Amount Requested
A Pilot Study to Determine the Prevalence of SARS CoV-2 in the Health Care Workforce at Prisma Health	Richard L. Hodinka, PhD – <i>University of South Carolina School of Medicine Greenville (UofSCSOMG)</i> Mark Call, MD- <i>Prisma Health</i>	William Kelly, MD- <i>Prisma Health</i>  Jesse Stafford, MD- <i>Pathology Associates</i> Jenny Meredith, PhD- <i>Prisma Health</i> John Reddic, PhD- <i>Prisma Health</i> Kevin Kopera, MD- <i>Prisma Health</i> Lior Rennert, PhD- <i>Clemson University</i> Helmut Albrecht, MD- <i>Prisma Health</i> Sharon Weissman, MD- <i>Prisma Health</i>	\$16,000
Completion and Validation of the Prisma Health Rapid Innovation Task Force Comprehensive COVID-19 Data Registry to Inform and Improve Patient Care	Arwen Declan, MD, PhD- <i>Prisma Health</i> Lior Rennert, PhD- <i>Clemson University</i> Smith Heavner-Sullivan, MS, RN- <i>Prisma Health</i>	Jennica Siddle, MD, MPH- <i>Prisma Health</i> Prerana Roth, MD- <i>Prisma Health</i> Lu Zhang, PhD- <i>Clemson University</i> Corey Kalbaugh, PhD- <i>Clemson University</i> Deborah Kunkel, PhD- <i>Clemson University</i> Sarah Griffin, PhD, MPH- <i>Clemson University</i>	\$16,000
PHU COVID-19-001 Interventional Study to Evaluate the Efficacy of Therapeutic Plasma Exchange (TPE) Alone or in Combination with Ruxolitinib in COVID-19 Positive Patients with PENN Grade 2, 3, 4 Cytokine Released Syndrome (CRS)	W. Larry Gluck, MD- <i>Prisma Health</i>	Anna Blenda, PhD- <i>UofSCSOMG</i> Sergio Arce, MD, PhD- <i>UofSCSOMG</i> Rob Brevetta, MD- <i>Prisma Health</i> Sean Callahan, MD- <i>Prisma Health</i> W. Jeffery Edenfield, MD- <i>Prisma Health</i> Julie Martin, DNP, ACON, NP- <i>Prisma Health</i>	\$30,000

Testing, Evaluation and Final Development of the "COVER" Device (Covering for Operations during Viral Emergency Response)	Phillip Moschella, MD, PhD- <i>Prisma Health</i>	Chris Gaafary, MD- <i>Prisma Health</i> John Cull, MD- <i>Prisma Health</i> Ben Roth, MD- <i>Prisma Health</i> Azim Surka, MD- <i>Prisma Health</i> John DesJardins, PhD- <i>Clemson University</i> Delphine Dean, PhD- <i>Clemson University</i> Ethan Kung, PhD- <i>Clemson University</i> Hai Xiao, PhD- <i>Clemson University</i> Sarah Griffin, PhD, MPH- <i>Clemson University</i> Joel Williams, PhD- <i>Clemson University</i>	\$16,000
Addressing Healthcare Provider Well-Being During the COVID-19 Pandemic	Emily Hirsh, MD- <i>Prisma Health</i>	Marissa Shuffler, PhD- <i>Clemson University</i> Thomas Britt, PhD- <i>Clemson University</i> William Jackson, MD- <i>Prisma Health</i> Ronald Pirrallo, MD- <i>Prisma Health</i>	\$9,945
Prisma Health Masks Development and Analysis	Wesley Lio, MD- <i>Prisma Health</i>	John Foulk, PhD- <i>Clemson University</i> Christine Cole, PhD- <i>Upstate Resources Inc.</i>	\$10,000
Use of CCP Fiber Films for Rapid COVID-19 Diagnostics	Terri F. Bruce, PhD- <i>Clemson University</i>	Ken Marcus, PhD- <i>Clemson University</i> Delphine Dean, PhD- <i>Clemson University</i> David Bruce, PhD- <i>Clemson University</i> Richard Hodinka, PhD- <i>UofSCSOMG</i>	\$16,000
Massively Paralleled COVID-19 Antibody Testing from Citizen Collected Saliva	Mark Blenner, PhD- <i>Clemson University</i>	Delphine Dean, PhD- <i>Clemson University</i>  Jesse Stafford, MD- <i>Pathology Associates</i>	\$16,250
Rapid Fabrication and Detection of COVID-19 via Electrochemical Impedance-based Biosensors	Jordon Gilmore, PhD- <i>Clemson University</i>	Joel Kidd, MD- <i>Prisma Health</i>	\$14,400

A rapid, inexpensive and easily deployed sensing platform for COVID-19	Timothy Hanks, PhD- <i>Furman University</i>	Paul Dawson, PhD- <i>Clemson University</i> Julie Northcutt, PhD- <i>Clemson University</i> William Pennington, PhD- <i>Clemson University</i> William Kelly, MD- <i>Prisma Health</i> Richard Hodinka, PhD- <i>UofSCSOMG</i>	\$10,500
Advanced Cluster and Pattern Analytics of COVID-19 Patient Data	Joseph E. Johnson, PhD- <i>University of South Carolina</i>  Dezhi Wu, PhD, PMP, iMotions Certified- (Co-PI) <i>University of South Carolina</i>  Victor A Hirth, MD, MHP, FACP, AGSF (Co-PI)- <i>Geriatric Health &amp; Wellness, Ltd Co.</i>  Rachelle Gajadhar, MD, AGSF (Co-PI)- <i>Prisma Health</i>		\$16,000
A Data-Driven Model to Predict Demand for Inpatient COVID-19 Care in the Prisma Health System	Stella Self, PhD- <i>University of South Carolina</i>	Shrujan Amin, MS- <i>Care Coordination Institute (CCI)</i> Alex Ewing, PhD- <i>Prisma Health</i> Alexander McLain, PhD- <i>University of South Carolina</i> Caroline Rudisill, PhD- <i>University of South Carolina</i>	\$14,303
SARS-CoV-2 Surveillance of Asymptomatic Pregnant Women and Comparison of their Viral Kinetics to Symptomatically Infected Pregnant Women	Melissa Nolan, PhD, MPH- <i>University of South Carolina</i>	Amy Crockett, MD- <i>Prisma Health</i>  Kacey Eichelberger, MD- <i>Prisma Health</i> Phillip Buckhaults, PhD- <i>University of South Carolina</i> Smith Heavner-Sullivan, RN- <i>Prisma Health</i> Robin LaCroix, MD- <i>Prisma Health</i> Josh Brownlee, MD- <i>Prisma Health</i>	\$16,000