

Summary of Grants



Division of RESEARCH REPORT



Summary of Grants



Ongoing Grants

\$120,000

Osteopathic Heritage Foundation

Center for Chronic Disorders of Aging endowment

Brian Balin, PhD, Bio-Medical Sciences, PCOM

\$86,311

Anonymous Donor

Defining the mechanism whereby Myo/Nog cells protect neurons in the retina and brain (subcontract)

Arturo Bravo Nuevo, PhD, Bio-Medical Sciences, PCOM

\$115,836

Anonymous Donor

Refine the technology for killing Myo/Nog cells in the lens to prevent the fibrotic disease called posterior capsule opacification (PCO) (subcontract)

Mindy George-Weinstein, PhD, Division of Research, PCOM

\$16,671

American Heart Association

Reelin signaling in coronary vessel formation (no-cost extension – remaining funds)

Cathy Hatcher, PhD, Bio-Medical Sciences, PCOM

\$24,938

U.S. Department of Health and Human Services – Health Resources and Services Administration

Pediatric Patient Care, Population Health, and Community Based Training (PPCT) project for dental students (subcontract)

Erik Langenau, DO, Family Medicine, PCOM

\$6,906

NIH – National Institute of Neurological Diseases and Stroke

Generation and characterization of a zebrafish model of SBMA (no-cost extension – remaining funds)

Heather Montie, PhD, Bio-Medical Sciences, PCOM

\$200,000

National Science Foundation

Mechanisms of growth plate patterning revealed by natural variation in mammalian ossification

Philip Reno, PhD, Bio-Medical Sciences, PCOM

\$85,568

National Science Foundation

Evolution and development of the hominoid wrist

Philip Reno, PhD, Bio-Medical Sciences, PCOM

Summary of Grants



Ongoing Grants (continued)

\$34,724

NIH – National Institute of Allergy and Infectious Diseases

Anti-osteogenic functions of lipocalin2, an innate immune protein, during autoimmune arthritis (no-cost extension – remaining funds)

Shashidharamurthy Taval, PhD, Pharmaceutical Sciences, PCOM Georgia



New Grants

\$4,982

Hymed Group

Biactive peptides/collagen

Qian Chen, PhD, Bio-Medical Sciences, PCOM

\$547,316

Organic Remedies

Determinants of psychosocial and clinical outcomes in medical marijuana users

David Festinger, PhD, Clinical Psychology, PCOM

Michelle Lent, PhD, Clinical Psychology, PCOM

Kumar Mukherjee, PhD, Pharmaceutical Sciences, PCOM Georgia

\$451,375

Organic Remedies

Examining the incremental effect of medical cannabis on pain management, psychosocial functioning and treatment outcomes in patients with opioid use disorder

David Festinger, PhD, Clinical Psychology, PCOM

Michelle Lent, PhD, Clinical Psychology, PCOM

Summary of Grants



New Grants (continued)

\$1,252,013

Patient-Centered Outcomes Research Institute

Identifying optimal psychosocial interventions for patients receiving office-based buprenorphine
David Festinger, PhD, Clinical Psychology, PCOM
Michelle Lent, PhD, Clinical Psychology, PCOM

\$55,068

Pennsylvania Department of Health

Enhancing office-based buprenorphine treatment: An adaptive psychological approach (subcontract)
David Festinger, PhD, Clinical Psychology, PCOM
Michelle Lent, PhD, Clinical Psychology, PCOM

\$494,221

Organic Remedies

Medical Cannabis Research Center – administrative core
Katherine Galluzzi, DO, Geriatrics, PCOM

\$49,907

Organic Remedies

Medical marijuana usage at nursing home facilities in Pennsylvania
Katherine Galluzzi, DO, Geriatrics, PCOM
Mindy George-Weinstein, PhD, Division of Research, PCOM

\$188,679

Organic Remedies

Assessment of the efficacy of medical marijuana for increasing analgesia, decreasing use of other pain medications, and improving quality-of-life and functioning among individuals with chronic neuropathic pain
Frederick Goldstein, PhD, Bio-Medical Sciences, PCOM
Katherine Galluzzi, DO, Geriatrics, PCOM
Michelle Lent, PhD, Clinical Psychology, PCOM

\$431,596

U.S. Department of Education

Coronavirus Aid, Relief, and Economic Security (CARES) Act Higher Education Emergency Relief Fund - Institutions of Higher Education (student portion)
Samuel Matheny, Offices of Financial Aid and Registrar, PCOM

\$25,000

U.S. Agency for International Development

Pharmaceutical, analytical and quality assessments of Narrow Therapeutic Index (NTI) pharmaceutical products in rural underserved areas
Vicky Mody, PhD, Pharmaceutical Sciences, PCOM
Georgia

Summary of Grants



New Grants (continued)

\$32,276

Organic Remedies

Impact of medical marijuana law on marijuana usage in Pennsylvania

Kumar Mukherjee, PhD, Pharmaceutical Sciences, PCOM Georgia

Jane Dumsha, PhD, Division of Research, PCOM

\$75,000

Kennedy's Disease Association

Generation of a high-throughput in vivo assay to test potential therapeutics for SBMA

Heather Montie, PhD, Bio-Medical Sciences, PCOM

\$25,529

NIH – National Institute of Allergy and Infectious Diseases

Role of *Chlamydia trachomatis* Inc proteins in modulating the immune response (subcontract)

Jennifer Shaw, PhD, Bio-Medical Sciences, PCOM South Georgia

\$8,000

Aucta Pharmaceuticals

The study for products of AP201908

Zhiqian Wu, PhD, Pharmaceutical Sciences, PCOM Georgia