



BOETTCHER
FOUNDATION

Webb-Waring Biomedical Research Program 2010 Class of Boettcher Investigators

Name	Title	Institution	Research Focus Area
Shaodong Dai, Ph.D.	Assistant Professor of Immunology	National Jewish Health	The discovery of a new therapeutic treatment for chronic beryllium disease, a disease of the lung caused typically by occupational environmental exposure to certain harmful dusts or gases often found in the mining industry.
Robin Dowell, D.Sc.	Assistant Professor of Molecular, Cell and Development Biology	University of Colorado at Boulder	On developing bioinformatic computational models which emphasize the systematic use of information about an individual to select or optimize preventative and therapeutic care, a step towards fulfilling the promise of personalized medicine.
Gidon Felsen, Ph.D.	Assistant Professor of Physiology and Biophysics	University of Colorado – Anschutz Medical Campus	On understanding how neural activity in particular brain regions can be modified in order to restore normal movement control in patients with Parkinson's disease.
Paul Jedlicka, M.D., Ph.D.	Assistant Professor of Pathology	University of Colorado – Anschutz Medical Campus	On an improved understanding of the cancer-causing mechanisms in Ewing sarcoma and other pediatric solid tumors in order to develop better therapies for these and related cancers.
Keith B. Neeves, Ph.D.	Assistant Professor of Chemical Engineering	Colorado School of Mines	On the mechanisms of blood clotting and the discovery of new drugable anticoagulation targets in order to inhibit excessive clotting, for example during surgical procedures, while preventing bleeding.
Melissa M. Reynolds, Ph.D.	Assistant Professor of Chemistry	Colorado State University	On advancing cardiovascular disease treatment by improving the coatings on implantable devices in order to reduce the unwanted side-effects associated with the challenges of managing blood clotting.

Individual grant amounts for these research projects range from \$200,000 to \$300,000. The grant amounts allocated varied based on funding available to the institution and size of project. Per program guidelines, the minimum budget was required to be \$200,000.