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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
National Institutes of Health



National Institutes of Health Commercialization Assistance Program  
(NIH-CAP)

## Company Overview

**Industry Sector:** Medical Devices

### Company Overview:

- Nanova, Inc. incorporated in 2007 in Delaware
- Currently operating in Columbia, Missouri
- High-tech driven small medical device company
- It designs, patents, manufactures, and markets medical devices in cardiovascular, orthopedic and dental areas.
- Recently raised \$3 million from private sector for dental & orthopedic products development & commercialization

**Target Market(s):** Major hospitals worldwide

## Key Value Drivers

**Technology\*:** Novel non-drug based coronary artery stents for treatment of coronary heart disease to prevent restenosis (re-narrowing) of stented blood vessels and lower the risk of late in-stent thrombosis (blood clotting).

### Competitive Advantage:

- Environmentally friendly low temperature plasma technology
- Nano-scale surface modification for desired bioactivity
- Significantly improved long-term biocompatibility
- High cost-effectiveness
- Dual functions of inhibiting both restenosis and thrombosis

**Plan & Strategy:** Seeking strategic partners and investments

\*Technology funded by the NHBLI and being commercialized under the NIH-CAP

## Management

With background in both engineering and medical science, understands the need of patients and how proprietary technologies & products provide novel & reliable solutions for medical doctors & patients.

- Kenneth Lambert, MD, experienced in development and commercialization of medical devices
- Meng Chen, PhD, plasma technology & biocompatible coatings, 10 years of medical device industry
- Qingsong Yu, PhD, polymer chemistry and surface science, Associate Professor at University of Missouri
- Hao Li, PhD, biomaterials and nan-composites, Associate Professor at University of Missouri

## Product Pipeline

