NM’s Flying 40 List Includes CHTM Start-Up

By Stefi Weisburd – June 23, 2014

Three of 32 New Mexico companies on the Albuquerque Journal’s annual “Flying 40” list have collaborated with CHTM to advance their technologies. The list, now in its 17th year, recognizes the state’s highest revenue and fastest growing tech firms and their contributions to the state’s economy.

Actoprobe, managed by CHTM PhD Alexander A. Ukhonov, features prominently in the Journal’s June 23, 2014 Business Outlook section. His company ranked third for fastest growing revenue among firms whose revenue is below $10 million.

He currently develops novel Atomic Force Microscopy (AFM) probes, which monolithically combine conventional AFM tips with diode lasers to perform single molecular optical microscopy and spectroscopy. This technology is a key tool in nanoscience and nanofabrication.

Dr. Ukhonov and the Actoprobe team is planning to collaborate with CHTM to further develop this technology, which is being funded by Small Business Innovation Research grants.

“CHTM is is an ideal place for a startup company in optoelectronics and nanotechnology because of its wide resources and talented faculty,” says Ukhonov.

Also shown on the cover of Business Outlook CHTM alumnus and Actoprobe Optical Engineer Pranav Rathi and other team members.

Two other corporations honored in the Flying 40 this year - Emcore and Qynergy - have also been CHTM facilities users.