**Flow Cytometer**

Flow cytometry involves counting and sorting of individual cells to learn about their structure and function. Essential in molecular biology, pathology, and medicine, flow cytometry is used to diagnosis and treat disease, with applications in organ transplantation, chemotherapy, and HIV/AIDS treatment. Current flow cytometers, the instruments used in this field, are limited, which can significantly reduce the accuracy of measurements. This project, a joint venture of Dr. Jessica Houston and Mark Naivar, introduces a novel, algorithm-based solution for these constraints – one which may be easily implemented onto any standard, existing flow cytometer.
VoiceCipher, Inc.
VoiceCipher, Inc. is a start-up company that is developing Internet security software to allow users to conduct financial or other security-sensitive transactions online using a voice-based biometric authentication system. Both users and providers enjoy greater convenience and an increased level of security. The software includes components for secure, web-based authentication using any standard PC browser and is easily extensible to mobile platforms such as tablets and smartphones. VoiceCipher, Inc. is led by Dr. Phillip DeLeon and is based in Las Cruces, NM.