Center for Supercritical Fluid

Distinguished Center

Dr. Milton Lee/Brigham Young University/Provo, Utah

Established in 1986, this center provides a focal point for research and development, education, training in the area of chemical analysis where high resolution separation and high sensitivity detection are emphasized.

Overview

Current State Contract $0

FY92 Matching Funds . $174,479
Cumulative $3,011,676

Total Jobs Created 52
Industry 36
Center 16

Direct Center Spin-offs 2

Total Benefiting UT. Companies 3

License Agreements 3

Patents Applied 3

Patents Issued 6

Technologies

*Supercritical fluid chromotography and extraction

*Radio frequency plasma detection

*Time-of-flight mass spectrometry

*Capillary chromotography and electrophoresis

Status

*Time-of-flight mass spec. patent issued

*Prototypes built and tested

*Production instruments under construction

*Plasma ION source for elementry analysis under development

Economic Impact

*Spin-off company: **Lee Scientific** has had $1.6M in revenues over past 6 months

*Spin-off company: **Sensar** has sold its first mass spectrometer

***Sensar** in final negotiations for venture funding

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