Center for Chemical Technology

Edward B. Walker/Weber State University/Ogden, Utah

Established as a center in 1990, this center conducts innovative applied research in a variety of chemically-related areas that lead directly to new and/or enhanced product innovations. Ranging from natural product chemistries to new separation technologies, the multi-disciplinary nature of the center makes it the perfect high-tech resource center for the entrepreneur in Utah.

Overview	Technologies	Status	Economic Impact
Current State Contract $100,000 FY92 Matching Funds $171,033 Cumulative . . . . . $614,787 Total Jobs Created . . . . . 198 Industry . . . . . 189 Center . . . . . 9 Direct Center Spin-offs . . . . . 0 Tot.Benefiting Utah Companies 26 License Agreements . . . . . 3 Patents Applied . . . . . 3 Patents Issued 1	*Naturally occurring antibiotics *Bacteria anti-adherance factor *Low temperature tar-sand extraction methodology using biodegradable surfactant *Partitions/separations technology *Environmentally-safe solvents to replace CFC-based cleaners *Reverse osmosis system validation *Beta-carotene extracted from the Great Salt Lake	*New patent issued for tar sands extraction *New bacteria adherence inhibitor product introduced July 1990 *New environmentally safe solvent introduced	*Company looking to move to Utah to take advantage of tar sands patent *Cranberry extract supplement has current sales in excess of $60,000 (gross/month) *Eastman Chemical sponsoring a feasability study to determine if beta-carotene can be harvested from algae in the Great Salt Lake. Could result in a major harvesting/extraction facility worth more than $50 million and would create 60 new jobs.

H:\home\enid\wp\legislat\chemtech.leg