CENTER FOR CHEMICAL SEPARATIONS

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Overview

State Contract	$606,645
Matching Funds	$924,972
Benefitting companies	80
Industry jobs created	6
Fac/Staff/Grad Stud/Doc	22

Technologies

- Pilot plant scale up for individual separations
- Individually designed macrocycles for molecule separations
- Patented technique for attaching macrocycles to solid substrate allows for reuse

Status

- Methodology for precious metals separations developed
- Selling product to industry
- One patent issued 13 applied for
- Need to develop capability in gas, high purity materials and biological separations
- Capability in environmental, analytical & precious metals markets

Economic Impact

- Created spin-off company IBC with 6 jobs & sales of $200K in 1989 ($40K in 1988)
- Company attracting many sources of growth capital
- Process for separating platinum rhodium represents a 40-60% cost reduction to the industry
- Plan calls for $10 MM in sales by 1993