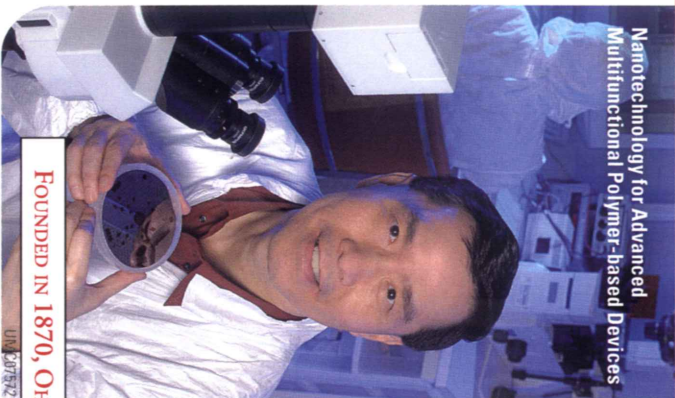


Buckeye Brief #14

Magnetic Cell Separation Technology for Cancer Detection

Nanotechnology for Advanced
Multifunctional Polymer-based Devices



RESEARCH FRONTIER

The National Science Foundation compiled data from FY2006, and the results are in: Ohio State moved up once again in national university rankings based on its research spending.

Faculty's success at winning Ohio's Third Frontier research awards, which link university researchers with industry and business, largely accounts for Ohio State's advance in four years from 10th place to 7th among public universities.

With FY2006 research expenditures of \$652 million, the university now ranks 11th among all universities and a remarkable second place for industry-sponsored research.

Third Frontier projects have spurred innovations in medical imaging, power and propulsion, nanotechnology, and the industrial use of soy and corn materials as petroleum substitutes.

Return on investment: excellent.

FOUNDED IN 1870, OHIO'S LAND-GRANT UNIVERSITY CONSISTENTLY RANKS AMONG OUR NATION'S TOP PUBLIC RESEARCH UNIVERSITIES.

UNIVERSITY

Changing Crops to Manufactured Products



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