

City of Steel, Coal Pointing to Nation's Space Age

By LAWRENCE R. WERNER
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Pittsburgh (UPI)—"Labore ad Astra"—by effort to the stars.
This Latin motto appears on the official seal of University of Pittsburgh Chancellor Dr. Edward H. Litchfield.
It is rather symbolic of how the energetic educator is pointing this city of steel and coal toward an important place in space age America.
Since becoming the 12th chancellor of Pitt six years ago, Litchfield overhauled its academic image and potentially reshaped the face of Pittsburgh with ambitious building plans. Now, with his recent announcement of a space research center, he hopes to align the institution—and the whole of western Pennsylvania—with the aerospace-oriented future.



PROPOSED SPACE CENTER—"Labore ad Astra"—by effort to the stars—seal of University of Pittsburgh Chancellor Dr. Edward H. Litchfield, was more prophetic than he at first realized. Here Litchfield indicates on

Ploughed Through Red Tape
During his brief tenure at Pitt, the soft-spoken but firm-handed administrator ploughed ahead through red tape and indifference to make the university what he calls "a total institution." In so doing, he won the confidence of agencies on the local, state and federal level which now are providing funds for the space center.
Litchfield envisions the space center as a research facility that will work "on every aspect that has anything to do with space, including the social and natural sciences, legal considerations and

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psychological and psychiatric problems." He noted the university already has space-connected programs in natural and social sciences, engineering and health areas.
Beside coordinating expansion of space-related research, the center will administer funds for interdisciplinary programs in such fields as upper atmosphere and plasma physics, properties of materials, astrophysics and space biology, Dr. Litchfield said.
Pitt hopes to break ground for the space center on its campus within 12 to 18 months. Architects are now at work on its design.
Distinctive Feature
"One of the distinctive features of the space center will be a calculated effort to create a 'spin off'—a means of getting discoveries and achievements into the stream of economic life," Dr. Litchfield said.
He predicts the advent of important space research in the Pittsburgh district will enable it to compete for defense contracts it has not been

able to get in the past. Economists cite Pennsylvania's inability to compete with such states as California and Massachusetts (Cal Tech and MIT) for defense contracts as a main reason for its slumping economy.
Litchfield estimated the effect of the space research center will be felt in the area's economy "within three years, massively in five years."
Could Be Important
Quoting a trustee of the university, the Pitt chancellor said, "The space center could be as important to western Pennsylvania as coal was in the past."
The National Aeronautics and Space Administration, one of the federal agencies providing funds for the university's space-related research, has focused attention to the proposed center as a likely model for other such centers elsewhere.
Vital to translating ideas into economic realities, Litchfield believes, is the establishment of "research parks" so that when ideas are "spun

off," people can travel conveniently to and from laboratories concerned with the product development in that field.
Park Now Emerging
With Litchfield and Pitt as the spearhead, a research park is now emerging in Pittsburgh's Oakland district which long has been the focal point of the city's educational and cultural activities.
Litchfield envisions a "university city" including the campuses of Pitt, Carnegie Institute of Technology and Mount Mercy college and other educational-cultural facilities, all within walking distance of each other.
The chancellor said he soon will announce specifics of the Oakland Corp. plan, "an entirely new concept of an educational center becoming a developer in its own community." The Oakland Corp. is made up of Pitt, the major stockholder, Carnegie Tech, Mount Mercy, Carnegie Institute and the Roman Catholic diocese of Pittsburgh. Their research park will involve the

investment of about \$250 million beyond the facilities now existing, Litchfield said.
Involves Preserving Tract
The bold plan involves preserving a 572-acre tract as a culture-education complex. Streets will be abolished and businesses moved, among other things.
The progress which up to now has resulted in the proposed space center has been realized through a stimulating intellectual climate created at the University of Pittsburgh by Litchfield.
The faculty payroll at the school has doubled under Litchfield. He initiated the now widespread trimester plan which permits lengthening of the academic year, instituted a faculty rating system, quadrupled endowment funds, added some 350 new

educators to the staff and increased on-campus housing.
Litchfield has seen \$107 million spent on new buildings during his tenure at the 175-year-old school, with \$48 million more now being expended and a commitment to spend an additional \$60 million.
Served on Faculties
Litchfield, 50, a bold administrator who served on the faculties of the University of Michigan and Brown university and as dean of Cornell graduate school of business and public administration, also played a leading role in the political reorganization of Western Germany after World War II.
His blending of cultural and intellectual enterprises with business and industrial interests has a firm foundation in Litchfield's background as

chairman of the board of Smith-Corona Marchant, Inc. (now SCM Corp.), a member of the board of directors of Avco Corp. and other industrial organizations.
Litchfield, blazing a new trail in Pittsburgh's renaissance "by effort to the stars," is soaring comet-like toward a ranking as the most dynamic chancellor in the history of the University of Pittsburgh.
ACHIEVEMENT AWARD
Liverpool, England—UPI—An appeal court reduced John Lawrie's four-year jail term to three years probation because of his environment. The judge said Lawrie, 29, had gone straight for nine years despite living in the tough Chinatown area and added "that is an achievement this court would not wish to minimize."

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