

107<sup>TH</sup> CONGRESS  
1<sup>ST</sup> SESSION

# H. CON. RES. 153

Commending the Council for Chemical Research for publishing a new study, entitled “Measuring Up: Research & Development Counts in the Chemical Industry”.

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## IN THE HOUSE OF REPRESENTATIVES

JUNE 7, 2001

Mr. MANZULLO submitted the following concurrent resolution; which was referred to the Committee on Science

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## CONCURRENT RESOLUTION

Commending the Council for Chemical Research for publishing a new study, entitled “Measuring Up: Research & Development Counts in the Chemical Industry”.

Whereas the Council for Chemical Research is a membership organization representing industry, academia, and government, formed in 1979;

Whereas the council’s mission is to encourage high-quality education in the chemical sciences and engineering, and to promote research in chemistry-based sciences, engineering, and technology that benefits the Nation, through productive interactions among the industrial, academic, and governmental research sectors;

Whereas in May 2001, the council published a new study, entitled “Measuring Up: Research & Development Counts

in the Chemical Industry”, which, for the first time, quantifies the return on investment in chemical research and development;

Whereas according to the study, chemical research and development plays a critical role in the United States economy and generates a strong return on investment for American institutions;

Whereas in 1998 the chemical industry generated \$68,000,000,000 in exports, which comprised 10 percent of all United States exports;

Whereas the United States’ recent economic growth resulted largely from increases in “knowledge capital” in a variety of industries;

Whereas research and development is the catalyst for economic growth in the chemical industry and other industries;

Whereas the chemical industry is a major building block of the United States economy, having grown steadily and become a world leader in scientific advances even in the face of increasing global competition;

Whereas a substantial number of globally beneficial, breakthrough advances have emerged from United States chemical laboratories;

Whereas these breakthrough advances in chemical research have established the foundation for advances in agriculture, transportation, housing, electronics, communications, biochemistry, national defense, environmental protection, and other fields;

Whereas none of these fields can alone sustain the research and development necessary to achieve scientific advances for the economic and social well-being of the Nation;

Whereas on average, every dollar invested in chemical research and development produces \$2 in corporate operating income over a period of 6 years—an average annual return of 17 percent after taxes;

Whereas chemical patents in the United States have a higher incidence of linkage to scientific papers than other patents—roughly 6 science references per chemical patent, the high end of the range for patents of all industries; and

Whereas sustained research and development investments will provide the technological base for the Nation's bright future: Now, therefore, be it

1        *Resolved by the House of Representatives (the Senate*  
2 *concurring)*, That the Congress commends the Council for  
3 Chemical Research for publishing a new study, entitled  
4 “Measuring Up: Research & Development Counts in the  
5 Chemical Industry”, which, for the first time, quantifies  
6 the return on investment in chemical research and devel-  
7 opment.

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