

18A:64J-38 to 18A:64J-45 ✓

LEGISLATIVE HISTORY CHECKLIST

**NJSA:** 18A:64J-38 to 18A:64J-45 (Advanced Technology Center in Polymer Processing and Surface Modification)

**LAWS OF:** 1985 **CHAPTER:** 397

**BILL NO:** A2127

**Sponsor(s):** Ranieri and others

**Date Introduced:** June 18, 1984

**Committee: Assembly:** Higher Education and Regulated Professions; Revenue, Finance and Appropriations.

**Senate:** Education

**Amended during passage:** Yes Amendments during passage denoted by asterisks.

**Date of Passage: Assembly:** March 7, 1985

**Senate:** September 9, 1985

**Date of Approval:** January 2, 1986

**Following statements are attached if available:**

**Sponsor statement:** Yes

**Committee statement: Assembly** Yes 12-6-84 and 2-28-85

**Senate** Yes 5-2-85 and 6-20-85

**Fiscal Note:** No

**Veto Message:** No

**Message on Signing:** No

**Following were printed:**

**Reports:** Yes

**Hearings:** No

974.90 New Jersey. Governor's Commission on Science and Technology.  
142 Report . . . December, 1983. Trenton, 1983.  
1983q (pp. 19-21).

397 85  
1-2-86  
[SECOND OFFICIAL COPY REPRINT]

ASSEMBLY, No. 2127

STATE OF NEW JERSEY

INTRODUCED MAY 21, 1984

By Assemblymen RANIERI, DORIA, LARocca, CUPROWSKI,  
VAINIERI, CHARLES, BOCCHINI and Assemblywoman  
MUHLER

AN ACT establishing the Advanced Technology Center in Polymer Processing and Surface Modification **\*\*[and]\*\*** **\*\*,\*\*** supplementing Title 18A of the New Jersey Statutes **\*\*and making an appropriation therefor\*\***.

1 BE IT ENACTED *by the Senate and General Assembly of the State*  
2 *of New Jersey:*

1 1. The Legislature finds and declares that polymer or plastics  
2 processing and surface modification are areas of extreme im-  
3 portance to industry worldwide and that advances in these areas  
4 are expected to produce significant economic growth and increases  
5-6 in productivity. New Jersey, because of its strength in petro-  
7 chemicals as well as the foothold which its institutions of higher  
8 education have already gained in polymer processing and surface  
9 modification research, is in an excellent position to be a major  
10 contributor and participant in this economic growth and develop-  
11 ment. To this end, the Legislature finds that the establishment of  
12 an advanced technology center in polymer processing and surface  
13 modification will generate additional research and technological  
14 innovations to promote industrial development and economic  
15 growth.

1 2. For the purposes of this act:

2 a. "Advanced technology center" means one or more outstanding  
3 programs or departments at New Jersey's public and private in-

**EXPLANATION—Matter enclosed in bold-faced brackets [thus] in the above bill is not enacted and is intended to be omitted in the law.**

**Matter printed in italics thus is new matter.**

**Matter enclosed in asterisks or stars has been adopted as follows:**

**\*—Assembly committee amendments adopted December 6, 1984.**

**\*\*—Senate committee amendments adopted June 20, 1985.**

4 stitutions of higher education which are provided substantial and  
 5 concentrated financial support to promote their development into  
 6 national level bases for innovative technology research;

7 b. "Business incubation facilities" means low cost, short-term  
 8 occupancy rental spaces wherein assistance is granted to a targeted  
 9 network of new companies employing selected technologies con-  
 10 gruent with the strengths of the State's public and private institu-  
 11 tions of higher education;

12 c. "Commission" means the **\*\*[Governor's]\*\*** **\*\*New Jersey\*\***  
 13 Commission on Science and Technology as created by **\*\*[Execu-**  
 14 **tive Order No. 12 of 1982 or its successor which is established by**  
 14a **the Legislature]\*\*** **\*\*P. L. 1985, c. 102 (C. 52:9X-1 et seq.)\*\***;

15 d. "Innovation partnership grants" means matching grants to  
 16 academic researchers performing applied research in emerging  
 17 technologies at any of the State's public and private institutions of  
 18 higher education which are of strategic importance to the New  
 19 Jersey economy under regulations adopted by the commission pur-  
 20 suant to the "Administrative Procedure Act," P. L. 1968, c. 410  
 21 (C. 52:14B-1 et seq.);

22 e. "Private institutions of higher education" means independent  
 23 colleges or universities incorporated and located in New Jersey,  
 24 which by virtue of law or character or license, are nonprofit educa-  
 25 tional institutions authorized to grant academic degrees and pro-  
 26 vide a level of education which is equivalent to the education pro-  
 27 vided by the State's public institutions of higher education as  
 28 attested by the receipt of and continuation of regional accredita-  
 29 tion by the Middle States Association of Colleges and Schools, and  
 30 which are eligible to receive State aid under the provisions of the  
 31 Constitution of the United States and the Constitution of the State  
 32 of New Jersey, but does not include any educational institution  
 33 dedicated primarily to the education or training of ministers,  
 34 priests, rabbis or other professional persons in the field of religion;

35 f. "Public institutions of higher education" means Rutgers, The  
 36 State University, the State colleges, the New Jersey Institute of  
 37 Technology, the University of Medicine and Dentistry of New  
 38 Jersey, the county colleges and any other public university or  
 39 college now or hereafter established or authorized by law;

40 g. "Technology extension services" means programs that not  
 41 only accelerate the application and transfer of technological inno-  
 42 vations by the State's public and private institutions of higher  
 43 education to existing industry, but also adapt these innovations to  
 44 the requirements of individual business operations.

1 3. There is established the Advanced Technology Center in  
 2 Polymer Processing and Surface Modification, hereinafter referred  
 3 to as the center, *\*to be\** located *\*[at Stevens Institute of Tech-*  
 4 *nology]\** *\*in a private or public institution of higher education*  
 5 *as designated by the commission\**. Other public and private insti-  
 6 tutions of higher education and their faculties may be considered  
 6A for participation in the center in the future by the commission.

7 The establishment of the center shall include a commitment from  
 8 business and industry in the State to finance a percentage of the  
 9 center's operating costs.

1 *\*4. \*\*[a.]\*\* The center shall not be established pursuant to sec-*  
 2 *tion 3 of this act \*\*[and no funds appropriated pursuant to section*  
 3 *9 of this act]\*\* until such time as the commission formally certifies*  
 4 *in writing to the Governor, the Speaker of the General Assembly,*  
 5 *and the President of the Senate, the amount of funding necessary*  
 6 *for the establishment and operation of the center as well as its con-*  
 7 *clusion that the establishment of the center should proceed, and that*  
 8 *the center will add substantially to the technological, economic, and*  
 9 *academic growth of the State of New Jersey.*

10 *\*\*[b. Should the funding level recommended pursuant to sub-*  
 11 *section a. of this section be less than the amount appropriated in*  
 12 *section 9 of this act, the difference between the amount the com-*  
 13 *mission certifies as necessary and the amount appropriated in sec-*  
 14 *tion 9 of this act shall be placed in reserve and lapsed to the General*  
 15 *Fund of the State of New Jersey.]\*\*\**

1 *\*[4.]\* \*5.\** As soon as may be practicable, the participating in-  
 2 stitution or institutions, in consultation with and under regulations  
 3 adopted by the commission, shall appoint a director of the center.

1 *\*[5.]\* \*6.\** The participating institutions, through the director  
 1A shall:

- 2 a. Administer and operate the center;
- 3 b. Appoint, remove and transfer personnel;
- 4 c. Establish programs in the center to promote polymer pro-  
 5 cessing and surface modification research and industries; and
- 6 d. Take all action necessary and proper for the operation of the  
 7 center.

1 *\*[6.]\* \*7.\** The director of the center shall submit its annual  
 2 budget request to the commission for approval.

1 *\*[7.]\* \*8.\** The center where appropriate, and in consultation  
 2 with the commission, shall:

- 3 a. Make recommendations to the commission concerning innova-  
 4 tion partnership grants;

5 b. Support and promote existing programs in polymer processing  
6 and surface modification research and industries and ensure that  
7 all sectors of private industry have ready access to the personnel  
8 and programs of the center;

9 c. Make low cost business incubation facilities available to new  
10 industry working in the field of polymer processing and surface  
11 modification; and

12 d. Promote technology extension services to businesses engaged  
13 in polymer processing and surface modification related applica-  
14 tions.

1 \*9. There is appropriated to the commission \*\*[\$5,000,000.00]\*\*  
2 \*\*the sum of \$100,000.00\*\* from the General Fund \*\*for planning  
3 and\*\* to effectuate the purposes of this act.\*

1 \***[8.]**\* \*10.\* This act shall take effect on the 60th day following  
2 enactment.

7 The establishment of the center shall include a commitment from  
 8 business and industry in the State to finance a percentage of the  
 9 center's operating costs.

1 4. As soon as may be practicable, the participating institution or  
 2 institutions, in consultation with and under regulations adopted by  
 3 the commission, shall appoint a director of the center.

1 5. The participating institutions, through the director shall:

- 2 a. Administer and operate the center;
- 3 b. Appoint, remove and transfer personnel;
- 4 c. Establish programs in the center to promote polymer pro-  
 5 cessing and surface modification research and industries; and
- 6 d. Take all action necessary and proper for the operation of the  
 7 center.

1 6. The director of the center shall submit its annual budget  
 2 request to the commission for approval.

1 7. The center where appropriate, and in consultation with the  
 2 commission, shall:

- 3 a. Make recommendations to the commission concerning innova-  
 4 tion partnership grants;
- 5 b. Support and promote existing programs in polymer processing  
 6 and surface modification research and industries and ensure that  
 7 all sectors of private industry have ready access to the personnel  
 8 and programs of the center;
- 9 c. Make low cost business incubation facilities available to new  
 10 industry working in the field of polymer processing and surface  
 11 modification; and
- 12 d. Promote technology extension services to businesses engaged  
 13 in polymer processing and surface modification related applica-  
 14 tions.

1 8. This act shall take effect on the 60th day following enactment.

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#### STATEMENT

This bill establishes the Advanced Technology Center in Polymer Processing and Surface Modification at Stevens Institute of Technology. The purpose of the center will be to promote research in polymer processing and surface modification and the development of polymer processing and surface modification industries.

The importance of polymer or plastics processing to New Jersey's economy as well as the strengths which the State already has in this area was recognized by the Governor's Commission on Science and Technology in its December, 1983 report. In addition, the commission noted the very fine program in polymer processing which

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currently exists at the Stevens Institute of Technology. The establishment of an Advanced Technology Center in Polymer Processing and Surface Modification at Stevens will lead to further important advances in these areas and result in the development and expansion of those industries engaged in the manufacture of goods made from polymers.

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ASSEMBLY HIGHER EDUCATION AND REGULATED  
PROFESSIONS COMMITTEE

STATEMENT TO  
**ASSEMBLY, No. 2127**  
with Assembly committee amendment

**STATE OF NEW JERSEY**

DATED: DECEMBER 6, 1984

The Assembly Higher Education and Regulated Professions Committee favorably reports Assembly Bill No. 2127 Aca which establishes an Advanced Technology Center in Polymer Processing and Surface Modification. As amended by committee, the center is to be located at a public or private institution of higher education as designated by the Governor's Commission on Science and Technology. Other public and private institutions of higher education may also participate in the work of the center if designated by the commission:

Under the bill's provisions, the work of the center is to include the following:

1. establish programs in the center to promote polymer processing and surface modification research and industries;
2. make low-cost business incubation facilities available to new industry working in the field of polymer processing and surface modification; and,
3. provide technology extension services to businesses engaged in polymer processing and surface modification related applications.

AMENDMENTS

The committee amended the bill to stipulate that the center shall not be established until such time as the Governor's Commission on Science and Technology certifies in writing to the Governor, the Speaker of the General Assembly, and the President of the Senate the amount of funding necessary to establish the center as well as its conclusion that the establishment of the center should proceed, and that the center will add substantially to the technological, economic and academic growth of the State of New Jersey.

The committee also amended the bill to provide for a \$5 million appropriation for the establishment and operation of the center. However, if this amount exceeds the funding level recommended by the commission, then the difference is to lapse into the General Fund.



ASSEMBLY REVENUE, FINANCE AND APPROPRIATIONS  
COMMITTEE

STATEMENT TO  
**ASSEMBLY, No. 2127**

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**STATE OF NEW JERSEY**

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DATED: FEBRUARY 28, 1985

**PROVISIONS:**

Assembly Bill No. 2127 (OCR) establishes an Advanced Technology Center in Polymer Processing and Surface Modification. The center is to be located at a private or public institution of higher education as designated by the Governor's Commission on Science and Technology.

**FISCAL IMPACT:**

There is appropriated \$5,000,000.00 from the General Fund, however, should this amount of funding be less than the recommended amount by the Commission on Science and Technology, the difference shall be placed in reserve and then lapsed to the General Fund.

The committee favorably reports this bill.

SENATE EDUCATION COMMITTEE

STATEMENT TO

**ASSEMBLY, No. 2127**

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**STATE OF NEW JERSEY**

DATED: MAY 2, 1985

This bill establishes an Advanced Technology Center in Polymer Processing and Surface Modification. The center is to be located at a public or private institution of higher education as designated by the Governor's Commission on Science and Technology. Other public and private institutions of higher education may also participate in the work of the center if designated by the commission:

Under the bill's provisions, the work of the center is to include the following:

1. establish programs in the center to promote polymer processing and surface modification research and industries;
2. make low-cost business incubation facilities available to new industry working in the field of polymer processing and surface modification; and,
3. provide technology extension services to businesses engaged in polymer processing and surface modification related applications.

The center shall not be established until such time as the Governor's Commission on Science and Technology certifies in writing to the Governor, the Speaker of the General Assembly, and the President of the Senate the amount of funding necessary to establish the center as well as its conclusion that the establishment of the center should proceed, and that the center will add substantially to the technological, economic and academic growth of the State of New Jersey.

The bill provides for a \$5 million appropriation for the establishment and operation of the center. However, if this amount exceeds the funding level recommended by the commission, then the difference is to lapse into the General Fund.

SENATE REVENUE, FINANCE AND APPROPRIATIONS  
COMMITTEE

STATEMENT TO  
**ASSEMBLY, No. 2127**

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with Senate committee amendments

**STATE OF NEW JERSEY**

DATED: JUNE 20, 1985

As amended, this bill establishes an Advanced Technology Center in Polymer Processing and Surface Modification. The center is to be located at a public or private institution of higher education as designated by the New Jersey Commission on Science and Technology. Other public and private institutions of higher education may also participate in the work of the center if designated by the commission.

Under the bill's provisions, the work of the center is to include the following:

1. Establish programs in the center to promote polymer processing and surface modification research and industries;
2. Make low-cost business incubation facilities available to new industry working in the field of polymer processing and surface modification; and,
3. Provide technology extension services to businesses engaged in polymer processing and surface modification related applications.

The center shall not be established until such time as the Commission on Science and Technology certifies in writing to the Governor, the Speaker of the General Assembly, and the President of the Senate the amount of funding necessary to establish the center as well as its conclusion that the establishment of the center should proceed, and that the center will add substantially to the technological, economic and academic growth of the State of New Jersey.

**FISCAL IMPACT**

The bill appropriates \$100,000.00 to the commission from the General Fund for planning purposes.

**COMMITTEE AMENDMENTS**

As referred to the committee, this bill contained a \$5,000,000.00 appropriation from the General Fund. The committee reduced this ap-

appropriation to \$100,000.00 for planning, noting that the bill calls for a commission process to determine "the amount of funding necessary for the establishment and operation of the center as well as the conclusion that the establishment of the center should proceed . . . ."

Othe committee amendments are technical and reflect the creation of the New Jersey Commission on Science and Technology (P. L. 1985, c. 102) as the successor to the Governor's Commission on Science and Technology.

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