

18A:64J-29 to 18A:64J-37

LEGISLATIVE HISTORY CHECKLIST

NJSA: 18A:64J-29 to 18A:64J-37
Advanced Technology
Center in Biomolecular
Research established in
Agriculture and
Environmental Science)

LAWS OF: 1985 **CHAPTER:** 366

BILL NO: A2337

Sponsor(s): Kalik and others

Date Introduced: June 28, 1984

Committee: Assembly: Higher Education and Resulated Professions

Senate: Revenue, Finance and Appropriations

Amended during passage: Yes
Assembly Committee Substitute
(OCR) enacted. Amendments during
passage denoted by asterisks.

Date of Passage: Assembly: January 28, 1985

Senate: June 27, 1985

Date of Approval: November 12, 1985

Following statements are attached if available:

Sponsor statement: Yes

Committee statement: Assembly Yes

Senate Yes

Fiscal Note: No

Veto Message: No

Message on Signing: Yes

Following were printed:

Reports: No

Hearings: No

For further information, contact Dr. Goodman, 4-1671.

4-12-85

[OFFICIAL COPY REPRINT]
 ASSEMBLY COMMITTEE SUBSTITUTE FOR
ASSEMBLY, No. 2337

STATE OF NEW JERSEY

ADOPTED DECEMBER 13, 1984

Sponsored by Assemblywoman KALIK

AN ACT establishing the Advanced Technology Center in Biomolecular Research in the Agricultural and Environmental Sciences, supplementing Title 18A of the New Jersey Statutes, and making an appropriation.

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 biomolecular research
 2 in the agricultural and environmental sciences will provide many
 3 advantages to the State of New Jersey. Progress in biomolecular
 4 research will increase crop production and animal husbandry, im-
 5 prove the efficiency of animal reproduction, advance research in
 6 human nutrition, aid in the development of methods to reduce the
 7 dependence of agriculture on chemical fertilizers and pesticides,
 8 and develop biological processes for the destruction of toxic wastes.
 9 In recognition of the economic importance of these scientific ad-
 10 vances to New Jersey industries, the Legislature further finds and
 11 declares the establishment of an Advanced Technology Center in
 12 Biomolecular Research in the Agricultural and Environmental
 13 Sciences would strengthen the State and serve as a stimulus for
 14 economic growth relating thereto.

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-
 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

**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:

***—Senate committee amendments adopted February 25, 1985.**

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

9 network of new companies employing selected technologies con-
 10 gruent with the strengths of the State's public and private insti-
 11 tutions of higher education;

12 c. "Commission" means the ****[Governor's]**** ****New Jersey****
 13 Commission on Science and Technology as created by ****[Executive**
 14 Order No. 12 of 1982 or its successor which is established by the
 14A 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
 18 of 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 edu-
 25 cational institutions authorized to grant academic degrees and
 26 provide a level of education which is equivalent to the education
 27 provided 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 Bio-
 2 molecular Research in the Agricultural and Environmental Sci-
 3 ences, hereinafter referred to as the center, to be located in a
 4 designated private or public institution of higher education. The
 5 establishment of the center shall include a commitment from busi-

6 ness and industry in the State to finance a percentage of the center's
7 operating costs.

1 4. The commission shall, as soon as is practicable, appoint a
2 peer review panel to:

- 3 a. Verify the need for the establishment of the center;
- 4 b. Recommend the best configuration for the center; and
- 5 c. Recommend the appropriate funding levels for the construc-
6 tion and operation of the center.

7 The peer review panel shall present its report to the commission
8 for its review and consideration.

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

9 **[b. Should the funding levels recommended pursuant to subsec-
10 tion c. of section 4 of this act be less than the amount appropriated
11 in section 9 of this act, the difference between the amount the com-
12 mission certifies as necessary and the amount appropriated in
13 section 9 of this act shall be placed in reserve and lapsed to the
14 General Fund of the State of New Jersey.])**

15 **[c.]** **b.** The commission shall designate the location of the
16 center. The designation shall not preclude the participation of other
17 public and private institutions of higher education and their
18 faculties which may be considered for participation in the work of
19 the center in the future by the commission.

1 6. As soon as may be practicable after the establishment of the
2 center, the participating institution or institutions, in consultation
3 with and under regulations adopted by the commission, shall ap-
4 point a director of the center. The participating institutions
5 through the director shall:

- 6 a. Administer and operate the center;
- 7 b. Appoint, remove and transfer personnel;
- 8 c. Establish programs in the center to conduct biomolecular re-
9 search in the agricultural and environmental sciences; and
- 10 d. Take all action necessary and proper for the operation of the
11 center.

1 7. The director of the center shall submit its annual budget re-
2 quest to the commission for approval.

1 8. 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. Serve as a forum for the exchange of ideas among industry,
6 government, academia and the public;

7 c. Disseminate authoritative and objective information and guid-
8 ance on the many issues arising concerning biomolecular research
9 in the agricultural and environmental sciences;

10 d. Promote technology extension services to businesses engaged
11 in agriculture and related fields;

12 e. Make low-cost business incubation facilities available to new
13 industry working in the field of agriculture and related fields; and

14 f. Support and promote existing biomolecular research in the
15 agricultural and environmental sciences and ensure that all sectors
16 of private industry shall have ready access to the personnel and
17 programs of the center.

1 **9. Nothing in this act shall be construed or utilized to replace*
2 *or reduce the programs conducted by Cook College of Rutgers, The*
3 *State University, the New Jersey Agricultural Experiment Station*
4 *or the New Jersey Cooperative Extension Service.**

1 ***[9.]*** **10.** There is appropriated to the commission
2 ****[\$15,000,000.00]**** ****the sum of \$100,000.00**** from the General
3 Fund ****for planning and**** to effectuate the purposes of this act.

1 ***[10.]*** **11.** This act shall take effect on the 60th day following
2 enactment.

ASSEMBLY, No. 2337

STATE OF NEW JERSEY

INTRODUCED JUNE 28, 1984

By Assemblywoman KALIK, Assemblymen SCHWARTZ, PANKOK, LONG, GALLO, Assemblywomen PERUN, WALKER, Assemblymen GORMAN, S. ADUBATO, KAVANAUGH, VILLANE, FRELINGHUYSEN and HAINES

A SUPPLEMENT to "An act making appropriations for the support of the State Government and the several public purposes for the fiscal year ending June 30, 1985 and regulating the disbursement thereof," approved June . . . , 1984 (P. L. 1984, c. . .) (now pending before the Legislature as Senate Bill No. 1900 of 1984).

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

1 1. In addition to the sums appropriated under P. L. 1984, c. . . .
2 (now pending before the Legislature as Senate Bill No. 1900 of
3 1984), there is appropriated from the General Fund the following
4 sum for the purpose specified:

CAPITAL CONSTRUCTION

DEPARTMENT OF HIGHER EDUCATION

Educational, Cultural and Intellectual Development

36 Higher Education Services

5 Capital Projects:

6 Institute for Biomolecular Research
7 in the Agricultural and Environ-
8 mental Sciences at Rutgers, The
9 State University (\$15,000,000)

10 The sum hereinabove appropriated is for the
11 purpose of establishing an Institute for Bio-
12 molecular Research in the Agricultural and

13 Environmental Sciences at Rutgers, The State
 14 University, and is subject to the approval of the
 15 institute by the Governor's Commission on
 16 Science and Technology as established by Execu-
 17 tive Order No. 12 of 1982, or its successor.

1 2. This act shall take effect immediately, and shall be retroactive
 2 to July 1, 1984.

STATEMENT

This bill appropriates \$15,000,000.00 for the establishment of an Institute of Biomolecular Research in Agricultural and Environmental Sciences at Rutgers, The State University. The Institute, planned to be located on the Douglass and Cook College campuses, would provide a focus for both basic and applied research, applying aspects of the technological revolutions in the biological and and the environment.

The proposed institute would provide scientific expertise, state-of-the-art facilities and opportunities for training and continuing education in biomolecular research. The institute would be especially concerned with research of interest to State government and industries. This type of facility holds great promise for increases in crop productivity, improvements in the efficiency of animal reproduction, and advances in human nutrition. Biomolecular research may discover methods to reduce the dependence of agriculture on chemical fertilizers and pesticides and may develop biological processes for the destruction of toxic wastes.

The importance of agriculture and agribusiness in New Jersey's economy and the continuing efforts by this State to find innovative methods of providing for the elimination or containment of toxic wastes make it especially appropriate for New Jersey to become a national leader in these exciting new areas of research. The presence of the institute on the Douglass and Cook College campuses, moreover, is of great importance to all those who are concerned about the attraction of women to careers in science and technology.

This appropriation is subject to the approval of the institute by the Governor's Commission on Science and Technology, or its successor.

ASSEMBLY REVENUE, FINANCE AND APPROPRIATIONS
COMMITTEE

STATEMENT TO
ASSEMBLY COMMITTEE SUBSTITUTE FOR
ASSEMBLY, No. 2337

STATE OF NEW JERSEY

DATED: DECEMBER 13, 1984

PROVISIONS:

The Assembly Committee Substitute for Assembly Bill No. 2337 establishes the Advanced Technology Center in Biomolecular Research in the Agricultural and Environmental Sciences. The Governor's Commission on Science and Technology or its successor is to designate the public or private institution of higher education where the center will be situated. There is to be an appropriation of \$15 million from the General Fund to the commission.

BACKGROUND:

A review panel of the commission is to verify the need for a center and recommend appropriate funding levels for the construction and operation of the center. No funds may be appropriated until the commission formally certifies to the Governor, the Speaker of the General Assembly and the President of the Senate, its conclusion that the center shall proceed.

FISCAL IMPACT:

The bill appropriates \$15 million from the General Fund to the commission, but only after it has certified the need and the recommended funding levels to the Governor, the Speaker of the General Assembly and the President of the Senate. Should the recommended funding level be less than the amount to be appropriated in the bill, the difference is to lapse into the General Fund.

The committee favorably reports this bill.

SENATE REVENUE, FINANCE AND APPROPRIATIONS
COMMITTEE

STATEMENT TO
ASSEMBLY COMMITTEE SUBSTITUTE FOR

ASSEMBLY, No. 2337

[SENATE REPRINT]

with Senate committee amendments

STATE OF NEW JERSEY

DATED: JUNE 20, 1985

As amended, this bill provides for the establishment of an Advanced Technology Center in Biomolecular Research in the Agricultural and Environmental Sciences at a public or private institution of higher education as designated by the New Jersey Commission on Science and Technology.

Under the bill's provisions, the commission is to appoint a peer review panel to verify the need for the center and to recommend appropriate funding levels for the construction and operation of the center. The center may not be established until the commission formally certifies to the Governor, the Speaker of the General Assembly and the President of the Senate its conclusions 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.

The work of the Advanced Technology Center in Biomolecular Research in the Agricultural and Environmental Sciences is to include the following:

1. To serve as a forum for the exchange of ideas among industry, government, academia and the public;
2. To disseminate authoritative information on issues concerning biomolecular research in the agricultural and environmental sciences; and,
3. To support and promote existing research in the agricultural and environmental sciences and to ensure that private industry has ready access to the center's personnel and programs.

FISCAL IMPACT

The bill appropriates \$100,000.00 to the commission from the General Fund for planning purposes and for the peer review called for in the bill.

COMMITTEE AMENDMENTS

As referenced to the committee, this bill contained a \$15,000,000.00 appropriation from the General Fund. The committee reduced this appropriation to \$100,000.00 for planning, noting that the bill calls for a planning and peer review process prior to any determination of project scope or cost and even prior to a recommendation that the project should proceed.

Other 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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OFFICE OF THE GOVERNOR NEWS RELEASE

CN-001
Contact: PAUL WOLCOTT
609-292-8956

TRENTON, N.J. 08625
Release: THURS., NOV. 14, 1985

Governor Thomas H. Kean has signed legislation authorizing creation of an Advanced Technology Center in Biomolecular Research in the Agricultural and Environmental Sciences.

The bill, A-2337, was sponsored by Assemblywoman Barbara F. Kalik, D-Burlington. It requires the Commission on Science and Technology to verify the need for an advanced technology center in biomolecular research, recommend the best method of establishing the center, and suggest appropriate funding levels.

The bill contained a \$100,000 appropriation to fund the needs study to be conducted by Commission. The Governor reduced that amount to \$20,000 by line-item veto, saying it is more than is necessary to do such a study.

The Governor also signed the following bills:

S-2603, sponsored by State Senator Matthew Feldman, D-Bergen, which establishes the Will and Ariel Durant Chair in Humanities at Saint Peters College. The Chair honors the world famous humanist and historian, Will Durant, who is a graduate of Saint Peters Preparatory School and Saint Peters College.

A-3972, sponsored by Assemblyman John Paul Doyle, D-Ocean, which appropriates \$99,000 to the Department of State for the Senator James F. Murray, Jr., Student Historians Fund. The fund supports the services of the New Jersey Historical Society's education programs for schools in the State.

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