

18A:64J-8 et seq.

LEGISLATIVE HISTORY CHECKLIST

NJSA: 18A:64J-8 et seq (Advanced Technology Center
in Food Technology)

LAWS OF: 1985 **CHAPTER:** 104

Bill No: A1763

Sponsor(s): Doria and others

Date Introduced: March 15, 1984

Committee: **Assembly:** Higher Education and Regulated Professions
Senate: /////

Amended during passage: Yes Amendments during passage
denoted by asterisks. Substituted
for S1651 (OCR attached).

Date of Passage: **Assembly:** Feb. 14, 1985
Senate: Feb. 28, 1985

Date of Approval: April 8, 1985

Following statements are attached if available:

Sponsor statement: Yes

Committee statement: **Assembly** Yes
Senate No

Fiscal Note: No

Veto Message: No

Message on Signing: Yes

Following were printed:

Reports: Yes

Hearings: No

Report, referred to in statements:

974.90 New Jersey. Governor's Commission on Science and Technology.
142 Report...December, 1983.
1983q Trenton, 1983.
(see especially pp. 22-23)

4-8-85

[OFFICIAL COPY REPRINT]

ASSEMBLY, No. 1763

STATE OF NEW JERSEY

INTRODUCED MARCH 15, 1984

By Assemblymen GILL, FRANKS, DORIA, CHARLES, VAINIERI, CUPROWSKI, KAVANAUGH, RANIERI, GALLO, LOVEYS, MUZIANI, ZIMMER, WEIDEL, MEYER, Assemblywoman COOPER, Assemblymen PALAIA, HENDRICKSON, ROD, KOSCO, SCHUBER, FELICE, ROONEY, PENN and Assemblywoman PERUN

AN ACT establishing the Advanced Technology Center in Food Technology and supplementing Title 18A of the New Jersey Statutes.

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 food technology, en-
2 compassing the study of the chemical, biological, and engineering
3 aspects of food and food processing, packaging, and storing, is an
4 important part of this State's economic base. Located in the heart
5 of the nation's major population center, New Jersey has a good
6 transportation system, and varied and extensive agricultural and
7 aquatic resources. By expanding its role as a major food process-
8 ing and distribution center, New Jersey can increase employment
9 and benefits from the business opportunities thereby created in
10 related areas such as ingredient supplies, chemical and packaging
11 instrumentation, transportation, warehousing and waste disposal.
12 The Legislature finds that the establishment of an advanced tech-
13 nology center in food technology would assist in promoting food
14 technology and economic growth relating thereto.

1 2. For the purposes of this act:

2 a. "Advanced technology center" means ***[a program of sub-**
3 **stantial and concentrated financial support that is provided to]***
4 **one or more** outstanding programs or departments at New

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 January 28, 1985.**

5 Jersey's public and private institutions of higher education **which*
 6 *are provided substantial and concentrated financial support** to
 6A promote their development into national level bases for innovative
 6B 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 insti-
 11 tutions of higher education.

12 c. "Commission" means the Governor's Commission on Science
 13 and Technology **[or the permanent New Jersey Commission on*
 14 *Science and Technology as enacted into law pursuant to P. L. ,*

15 c. (C.) (now pending before the Legislature as
 16 Assembly Bill No. 1767 of 1984) which was established as the suc-
 17 cessor to the Governor's Commission on Science and Technology]*
 18 as created by Executive Order No. 12 of 1982 **or its successor*
 18A *which is established by the Legislature**.

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

26 e. "Private institutions of higher education" means independent
 27 colleges*[,] **or** universities **[or institutes]** incorporated and
 28 located in New Jersey, which by virtue of law or character or li-
 29 cense, are nonprofit educational institutions authorized to grant
 30 academic degrees and which provide a level of education which is
 31 equivalent to the education provided by the State's public insti-
 32 tutions of higher education as attested by the receipt of and
 33 continuation of **[licensure by the New Jersey State Board of*
 33A *Higher Education]** **regional accreditation by the Middle States*
 33B *Association of Colleges and Schools, and which are eligible to*
 33C *receive State aid under the provisions of the Constitution of the*
 33D *United States and the Constitution of the State of New Jersey, but*
 33E *does not include any educational institution dedicated primarily to*
 33F *the education or training of ministers, priests, rabbis or other*
 33G *professional persons in the field of religion**.

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

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

1 3. There is established the Advanced Technology Center in Food
 2 Technology located at Cook College of Rutgers, The State Uni-
 3 versity, hereafter referred to as the center. Other public and pri-
 4 vate institutions of higher education and their faculties may be
 5 considered for participation in the center in the future by the
 6 commission.

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

1 5. The participating institution or institutions **through the*
 1A *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 food technology
 5 research and food technology industries; and
- 6 d. ***[Do all other acts and things]*** **Take all action** necessary
 7 and proper for the ***[purposes]*** **operation** of the center.

1 6. ***[Annual budget requests for the center shall be submitted to**
 2 **and approved by the commission.]*** **The center shall submit its*
 3 *annual budget request to the commission for approval.**

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

- 3 a. Research new food products and develop more efficient and
 4 economical food processing and related techniques;
- 5 b. Coordinate personnel and other resources from the depart-
 6 ments of food science, biochemistry, microbiology, chemistry, nu-
 7 trition, plant physiology, horticulture, mechanical engineering,
 8 chemical engineering and materials sciences at Rutgers, The State
 9 University in programs relating to the promotion of food technology
 10 research and industries;
- 11 c. Promote research, especially in the areas of agriculture and
 12 food science;
- 13 d. Promote technology extension services to ***[business]*** **busi-*
 14 *nesses** engaged in food science and related fields;
- 15 e. Make low-cost business incubation facilities available to new
 16 industry working in the field of food science and related fields; and
- 17 f. Make recommendations to the commission concerning innova-
 18 tion partnership grants.

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

STATEMENT

This bill establishes the Advanced Technology Center in Food Technology at Cook College of Rutgers, The State University. The purposes of establishing this center is to provide for the stimulation of the State's economy in the area of food technology, thereby increasing employment opportunities and creating new business development in the State. This bill implements Recommendation 4 of the report of the Governor's Commission on Science and Technology.

A1763(1985)

ASSEMBLY HIGHER EDUCATION AND REGULATED
PROFESSIONS COMMITTEE

STATEMENT TO

ASSEMBLY, No. 1763

with Assembly committee amendment

STATE OF NEW JERSEY

DATED: JANUARY 28, 1985

SUMMARY OF THE BILL:

This bill provides for the establishment of an Advanced Technology Center in Food Technology located at Cook College of Rutgers University. Other public and private institutions of higher education may be designated to participate in the work of the center by the Governor's Commission on Science and Technology or its successor.

The work of the center is to include the following:

1. Establish programs to promote food technology research and industries;
2. Research new food products and develop more efficient and economical food processing and related techniques;
3. Coordinate personnel and resources from the food science, biochemistry, microbiology, chemistry and other departments at Rutgers University in programs related to the promotion of food technology;
4. Promote technology extension services to businesses engaged in food science; and,
5. Make low-cost business incubation facilities available to industry working in the food science field.

FOR YOUR INFORMATION:

1. The recommendation for the establishment of an Advanced Technology Center in Food Technology was made by the Governor's Commission on Science and Technology in its December, 1983 report.

The commission found that the food industry is an important part of the State's economic base. A successful center in food technology could increase this base by providing new food products and developing more efficient and economical food processing and related techniques. The center could also help to reverse the loss of employment the food industry in New Jersey has witnessed over the past decade.

2. Food technology encompasses the study of the chemical, biological and engineering aspects of food and food processing, packaging and storing.

The committee amendments make technical corrections in the language of the bill.

The committee favorably reports this bill with amendments.

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SENATE, No. 1651

STATE OF NEW JERSEY

INTRODUCED MAY 14, 1984

By Senators EWING and LYNCH

Referred to Committee on Education

AN ACT establishing the Advanced Technology Center in Food Technology and supplementing Title 18A of the New Jersey Statutes.

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 food technology, en-
2 compassing the study of the chemical, biological and engineering
3 aspects of food and food processing, packaging*,* and storing*,*
4 is an important part of this State's economic base. Located in the
5 heart of the nation's major population center, New Jersey has a
6 good transportation system, and varied and extensive agricultural
7 and aquatic resources. By expanding its role as a major food pro-
8 cessing and distribution center, New Jersey can increase employ-
9 ment and benefits from the business opportunities **thereby created**
10 in related areas such as ingredient supplies, chemical and packag-
11 ing instrumentation, transportation, warehousing and waste
12 disposal. The Legislature finds that the establishment of an
13 advanced technology center in food technology would assist in
14 promoting food technology and economic growth relating thereto.

1 2. For the purposes of this act:

2 ***[a. "Commission" means the Governor's Commission on Science**
3 **and Technology or the permanent New Jersey Commission on Sci-**
4 **ence and Technology as enacted into law pursuant to P. L. . . . ,**
5 **c. . . . (C.) (now pending before the Legislature as As-**
6 **sembly Bill No. 1767 of 1984) which was established as the successor**
7 **to the Governor's Commission on Science and Technology as created**
8 **by Executive Order No. 12 of 1982.]***

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 4, 1985.**

9 ***[b.]*** *a.* “Advanced ***[T]**Technology Center” refers to a pro-
 10 gram of substantial and concentrated financial support that is pro-
 11 vided to* **“technology center” means one or more** outstanding
 12 programs or departments at New Jersey’s public and private in-
 13 stitutions of higher education **which are provided substantial and*
 14 *concentrated financial support** to promote their development into
 15 national level bases for innovative technology research.

16 *b. “Business incubation facilities” means low cost, short-term
 17 occupancy, rental spaces wherein assistance is granted to a targeted
 18 network of new companies employing selected technologies con-
 19 gruent with the strengths of the State’s public and private institu-
 20 tions of higher education.

21 c. “Commission” means the Governor’s Commission on Science
 22 and Technology as created by Executive Order No. 12 of 1982 or
 23 its successor which is established by the Legislature.

24 d. “Innovation partnership grants” means matching grants to
 25 academic researchers performing applied research in emerging
 26 technologies at any of the State’s public and private institutions
 27 of higher education which are of strategic importance to the New
 28 Jersey economy under regulations adopted by the commission pur-
 29 suant to the “Administrative Procedure Act,” P. L. 1968, c. 410
 30 (C. 52:14B-1 et seq.).

31 e. “Private institutions of higher education” means independent
 32 colleges or universities incorporated and located in New Jersey,
 33 which by virtue of law or character or license, are nonprofit educa-
 34 tional institutions authorized to grant academic degrees and which
 35 provide a level of education which is equivalent to the education
 36 provided by the State’s public institutions of higher education as
 37 attested by the receipt of and continuation of regional accreditation
 38 by the Middle States Association of Colleges and Schools, and
 39 which are eligible to receive State aid under the provisions of the
 40 Constitution of the United States and the Constituiton of the State
 41 of New Jersey, but does not include any educational institution
 42 dedicated primarily to the education or training of ministers,
 43 priests, rabbis or other professional persons in the field of religion.*

44 ***[c.]*** *f.* “Public institutions of higher education” means
 45 Rutgers, The State University, the State colleges, the New Jersey
 46 Institute of Technology, the University of Medicine and Dentistry
 47 of New Jersey, the county colleges and any other public university
 48 or college now or hereafter established or authorized by law.

49 ***[d.]** “Private institutions of higher education” means inde-
 50 pendent colleges, universities or institutes incorporated and located
 51 in New Jersey, which by virtue of law or character or license, are

52 nonprofit educational institutions authorized to grant academic
 53 degrees and which provide a level of education which is equivalent
 54 to the education provided by the State's public institutions of higher
 55 education as attested by the receipt of and continuation of licensure
 56 by the New Jersey State Board of Higher Education.

57 e. "Innovation partnership grants" means matching grants to
 58 academic researchers performing applied research in emerging
 59 technologies at the State's public and private institutions of higher
 60 education which are of strategic importance to the New Jersey
 61 economy under regulations adopted by the commission pursuant to
 62 the "Administrative Procedure Act," P. L. 1968, c. 410 (C. 52:14B-1
 63 et seq.).】*

64 *【f.】* *g.* "Technology *【Extension Services】* *extension
 65 services*" means programs *【to】* *that not only* accelerate the
 66 application and transfer of technological innovations by the
 67 State's public and private universities to existing industry,
 68 *【specifically to work with the State's businesses to】* *but also*
 69 adapt these innovations to the requirements of individual business
 70 operations.

71 *【g. "Business Incubation Facilities" means the provision of
 72 space and technical assistance to a targeted network of develop-
 73 mental facilities, consisting of low cost space, for short-term
 74 occupancy, to new companies employing selected technologies con-
 75 gruent with the strengths of the State's public and private institu-
 76 tions of higher education.】*

1 3. There is established the Advanced Technology Center in Food
 2 Technology located at Cook College of Rutgers, The State Uni-
 3 versity, hereafter referred to as the center. Other public and private
 4 institutions of higher education and their faculties may be con-
 5 sidered for participation in the center in the future by the com-
 6 mission.

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

1 5. The participating institution or institutions shall:

2 a. *【administer】* *Administer* and operate the center;

3 b. *【appoint】* *Appoint*, remove and transfer personnel;

4 c. *【establish】* *Establish* programs in the center to promote
 5 food technology research and food technology industries; and

6 d. *【do all other acts and things】* *Take all action* necessary
 7 and proper for the *【purposes】* *operation* of the center.

1 6. *【Annual budget requests for the center shall be submitted to

2 and approved by the commission.】* *The center shall submit its*
3 *annual budget request to the commission for approval.**

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

3 a. *【research】* *Research** new food products and develop more
4 efficient and economical food processing and related techniques;

5 b. *【coordinate】* *Coordinate** personnel and other resources
6 from the departments of food science, biochemistry, microbiology,
7 chemistry, nutrition, plant physiology, horticulture, mechanical
8 engineering, chemical engineering and materials sciences at
9 Rutgers, The State University *【for】* *in** programs relating to
10 the promotion of food technology research and industries;

11 c. *【promote】* *Promote** research, especially in the areas of
12 agriculture and food science;

13 d. *【promote】* *Promote** technology extension services to
14 *【business】* *businesses** engaged in food science and related
15 fields;

16 e. *【make】* *Make** low-cost business incubation facilities avail-
17 able to new industry working in the field of food science and related
18 fields; and

19 f. *【make】* *Make** recommendations to the commission con-
20 cerning innovation partnership grants.

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

The Center's activities will include research in new techniques for dealing with hazardous substances, and the promotion of technology extension services to businesses engaged in hazardous substance management. It is envisioned that the Center will also serve as a repository for existing knowledge in the field and will disseminate new information and guidance as it becomes available.

A-1763, sponsored by the late Assemblyman Edward K. Gill, R-Union, establishes the Advanced Technology Center in Food Technology. That Center, with \$6 million in capital funding from the bond issue, will be located at Cook College of Rutgers.

Food technology studies will encompass the chemical, biological and engineering aspects of food production, processing, packaging and storage. The Center will engage in the development of new food products and better methods of processing. Technology extension services will be provided to businesses engaged in food science and related fields.

A-1764, also sponsored by Assemblyman Gill, establishes the Advanced Technology Center in Biotechnology, jointly governed by Rutgers and UMDNJ. It will receive \$20 million in capital funding from the bond issue.

Research at the Center will include processing of biomaterials, gene splicing and the production of monoclonal antibodies. The result of this research are expected to have major applications in the pharmaceutical and health care industries.

A-1765, sponsored by Assemblyman Doria, establishes the Advanced Technology Center in Industrial Ceramics. Located at Rutgers University, the Center will receive \$9 million in capital funding from the bond issue. Industrial ceramics are characterized by durability, light weight and high strength and have a wide variety of applications in industry, aeronautics and space technology. A second aspect of the Center will focus on fiber optics materials research.

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