



Overview of the Report of the Governor's Commission on Health Science, Education, and Training

23 October 2002



Report of the Governor's Commission on Health Science, Education, and Training

Purpose of the Commission's Study

- Stated purpose concerning medical education:
 - “to enhance the quality of education, to increase their overall competitiveness as institutions of health care learning, and to foster healthy synergy amongst these institutions”



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Purpose of the Commission's Study

- Initial focus on UMDNJ and relationships/alliances among 8 schools in three locations
- Efforts revealed that in order to reach full potential of research and clinical developments in medical science, needed to reach beyond alliances within the health sciences university



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Objective

- Enhance quality and stature of geographically-based research universities



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Current configuration

Univ	Newark	NB	Camden
UMDNJ	X ↓	X ↓	X ↓
Rutgers	X ↓	X ↓	X ↓
NJIT	X ↓		



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Current configuration NSF S&E
expenditures public ranking

Univ	Rank	% Exp on Res
UMDNJ	53	25%
Rutgers	30	22%
NJIT	99	29%



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Proposed Configuration

North-NJIT+RUN+UMD

Central-RUNB+UMD

South-RUC+UMD



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UNJN

21,500 students; 12,800 UG, 8,700 G

“NJIT is an important partner due to increasing interactions between fields of biology, engineering and computer science.”



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Harold Varmus, MD, winner of the Nobel Prize in Physiology or Medicine, 1989:

“Biology is rapidly becoming a science that demands more intense mathematical and physical analysis than biologists have been accustomed to, and such analysis will be required to understand the working of cells”



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Proposed configuration NSF S&E
expenditures public ranking @33% exp
on research

Univ	Rank
UNJ-Central	7
UNJ-North	32



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Proposed Structure

Board of Regents

Chancellor

Three largely autonomous universities
forming UNJ system

Three university presidents: UNJN, UNJC,
UNJS reporting to Chancellor



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NJIT approach:

- Be an important part of the process
- Respond only to factual information
- Stake out territory in which we can live
- Stand firm to maintain culture of NJIT
- Stand firm to maintain vision of technological university of expanded scope



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NJIT statements:

- The approach is thoughtful and so worth consideration.
- it is the existence and presence of NJIT that could help forge emerging synergies among the applied physical, mathematical, computing, and engineering sciences with the biological and biomedical sciences and medicine here in Newark.



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NJIT statements:

- Further discussion is warranted as to whether the Commission's proposed structure best fits the needs of Newark and New Jersey.
- The right technological vision, leadership -- primarily one established in science and technology -- and structure would have the potential to preserve and strengthen public higher education and its human resource assets in Newark.



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Proposed Implementation Process

UNJ Review and Implementation Task Force

Governing Committee

University Committees (three)

Issue Working Groups (two-University and
System)

Advisory Groups



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Implementation Timetable

Implementation Plan: 12 months

Implementation: several years



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Cons/Concerns

- Uncertainty during implementation
- Potential loss of identity
- Potential loss of culture
- Hinders fund raising
- Collaborations already exist; what's the point?



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Pros

- Interdisciplinary efforts, research and education, enhanced
- Enhanced opportunities for interactions between physical and biological sciences
- Opportunity to develop cohesive residential campus