

NJIT



New Jersey's Science &
Technology University

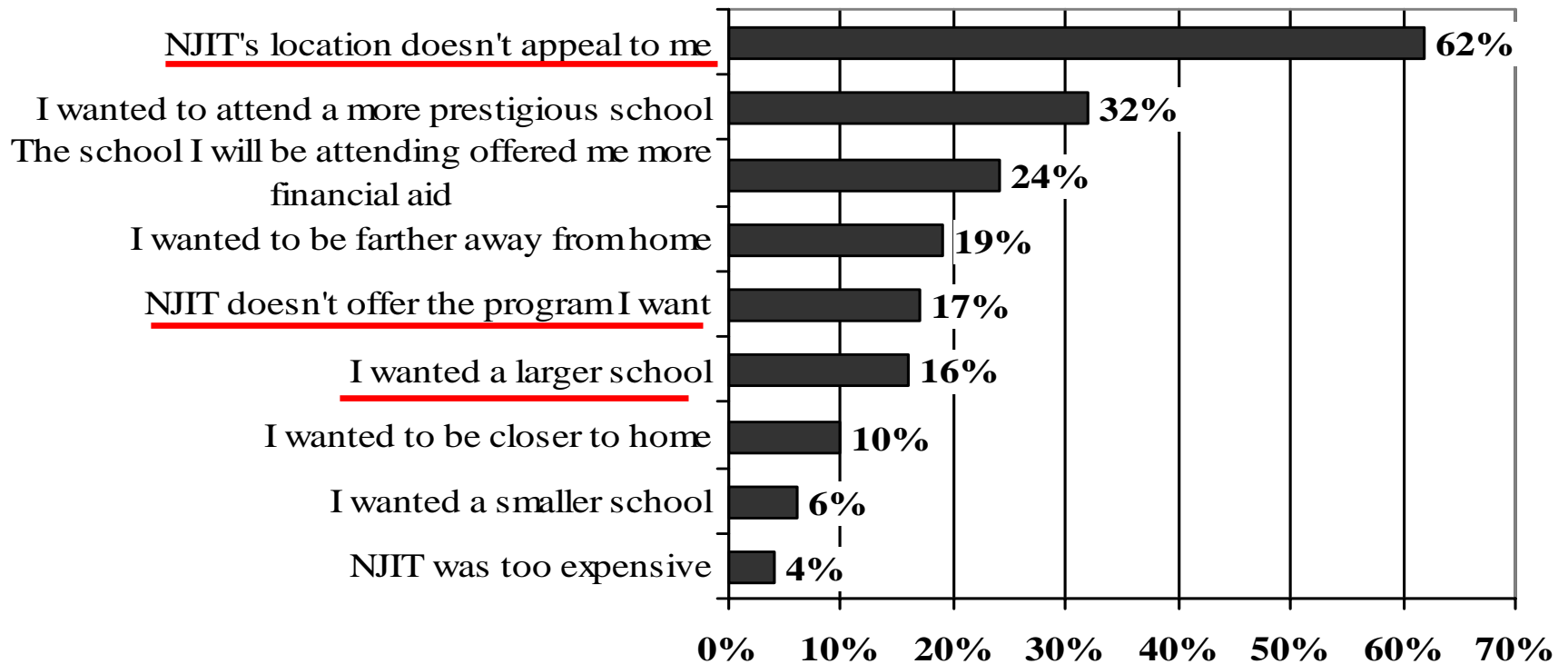
THE EDGE IN KNOWLEDGE

This Year and Beyond

Quality of Life	Private Source Revenue	Develop Core of Nationally Recognized Programs	Improve Research and Intellectual Property Productivity	Recruit High Achieving Students from Diverse Backgrounds
Master Plan	Honors Campaign	Program Investment/Reinvestment	Stem Cell Research Facility	New Program Development
Gateway Plan	Athletics Campaign	New Program Development		
	Major Campaign			

2005: Why did you decide not to attend NJIT?

Overall (n = 139)



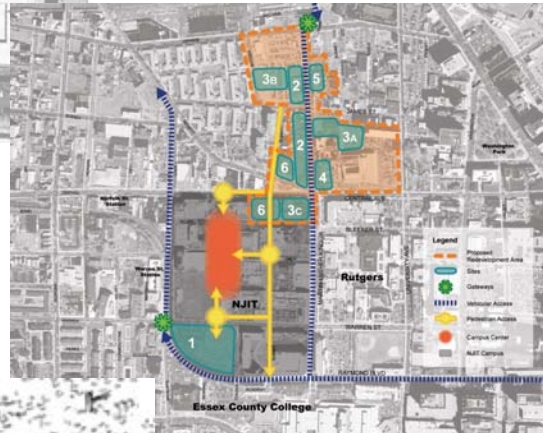
NJIT Campus Gateway Plan



South Campus Gateway
The Ohio State University, Columbus

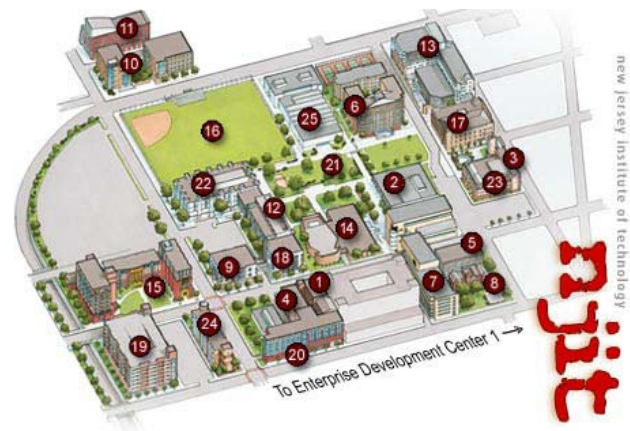


Newbury Street
Boston, Massachusetts



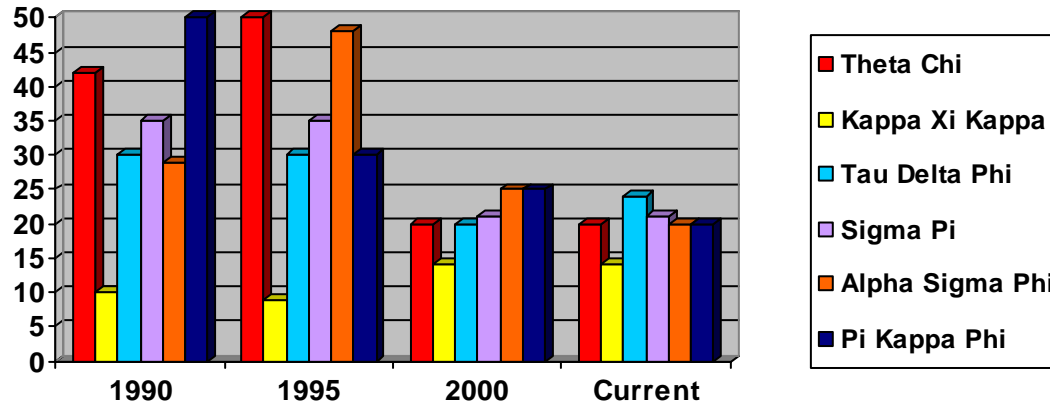
NJIT Campus Gateway Plan

- Plan based on Newark's designation as an area in need of rehabilitation
- NOT requesting area in need of redevelopment status
- Developer CANNOT request implementation of eminent domain
- NJIT WILL NOT exercise eminent domain
- Commitment to historic preservation
- NO CAMPUS EXPANSION as part of the proposed project



NJIT Campus Gateway Plan Objectives

- Grow the Greek community to levels above 1990 on a normalized basis
- Ensure viability of the Greek community



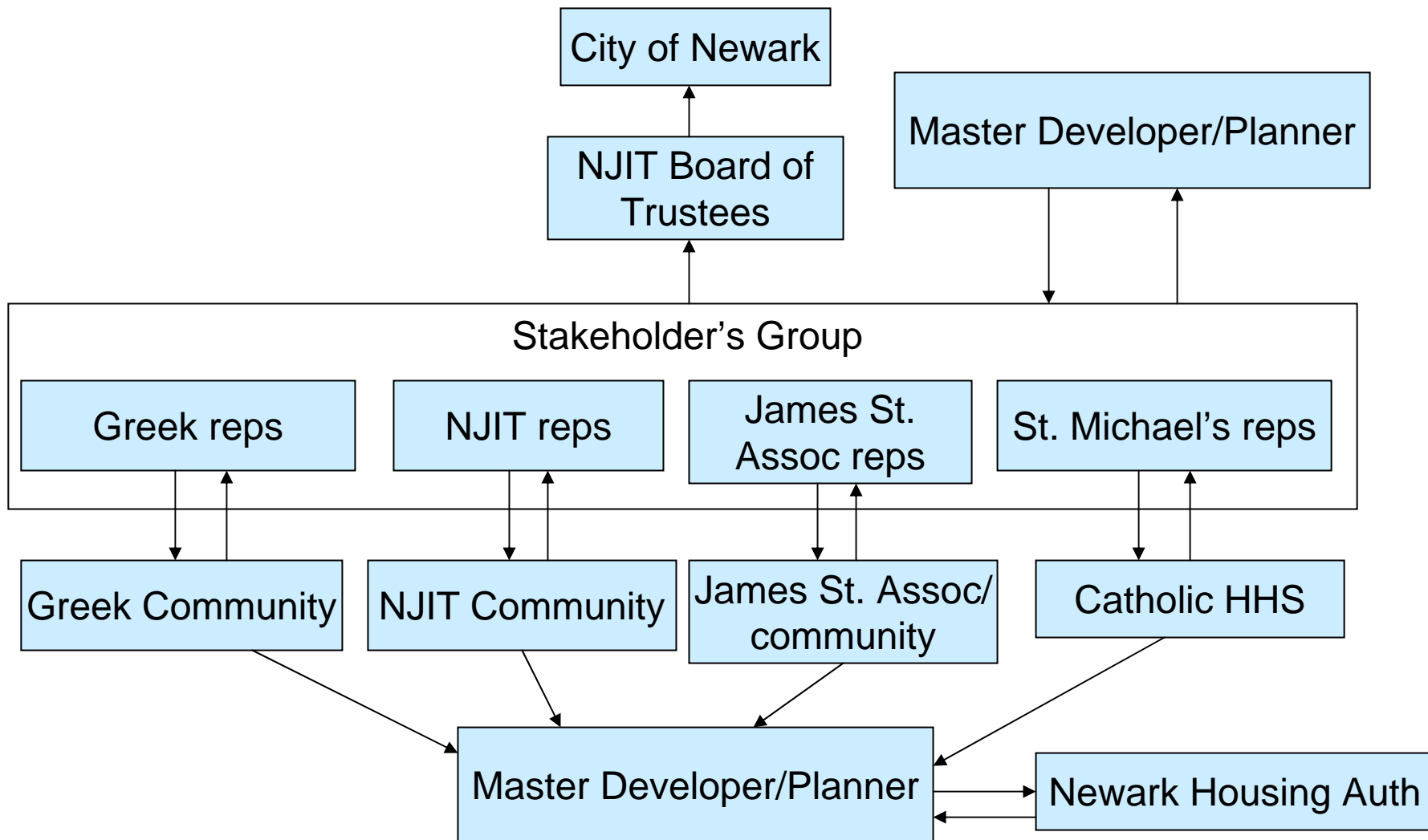
Members/Greek org

1990 2006

30 18

- Enhance the physical/social/recreational environment of the Greek community
- Develop a “college town” neighborhood with amenities for students, faculty, staff, community
- Ensure a development effort that enhances NJIT and the community

Greek Village/MLK Redevelopment Project Organization





Master Plan

Legend

- Retail
- Residential
- Dormitory
- Community Building
- Greek Meeting Facilities
- Hotel
- St. Michael's Hospital
- Physician Offices
- St. Michael's Potential Expansion
- Academic
- Greek Fraternities
- Conference Center
- Greek Community Buildings
- Loading/ Service
- Parking
- New Development
- Existing Buildings



Master Plan without Baxter Terrace Redevelopment





'New Jersey's Science & Technology University'

- Diverse Population**
- Intimate Community**
- Multi-disciplinary Education**
- Cutting-edge Research**
- Innovative Technology**
- Entrepreneurial Environment**
- Engaged Community**
- Vibrant Campus Life**
- Professional Growth**

Areas of Emphasis

Focus on Technology

Cutting edge research and innovation

Learning Environment

Student centered

Multi-disciplinary education

Leader in delivery of technological education

Vibrant Campus Life

Exciting urban campus

Diverse student population

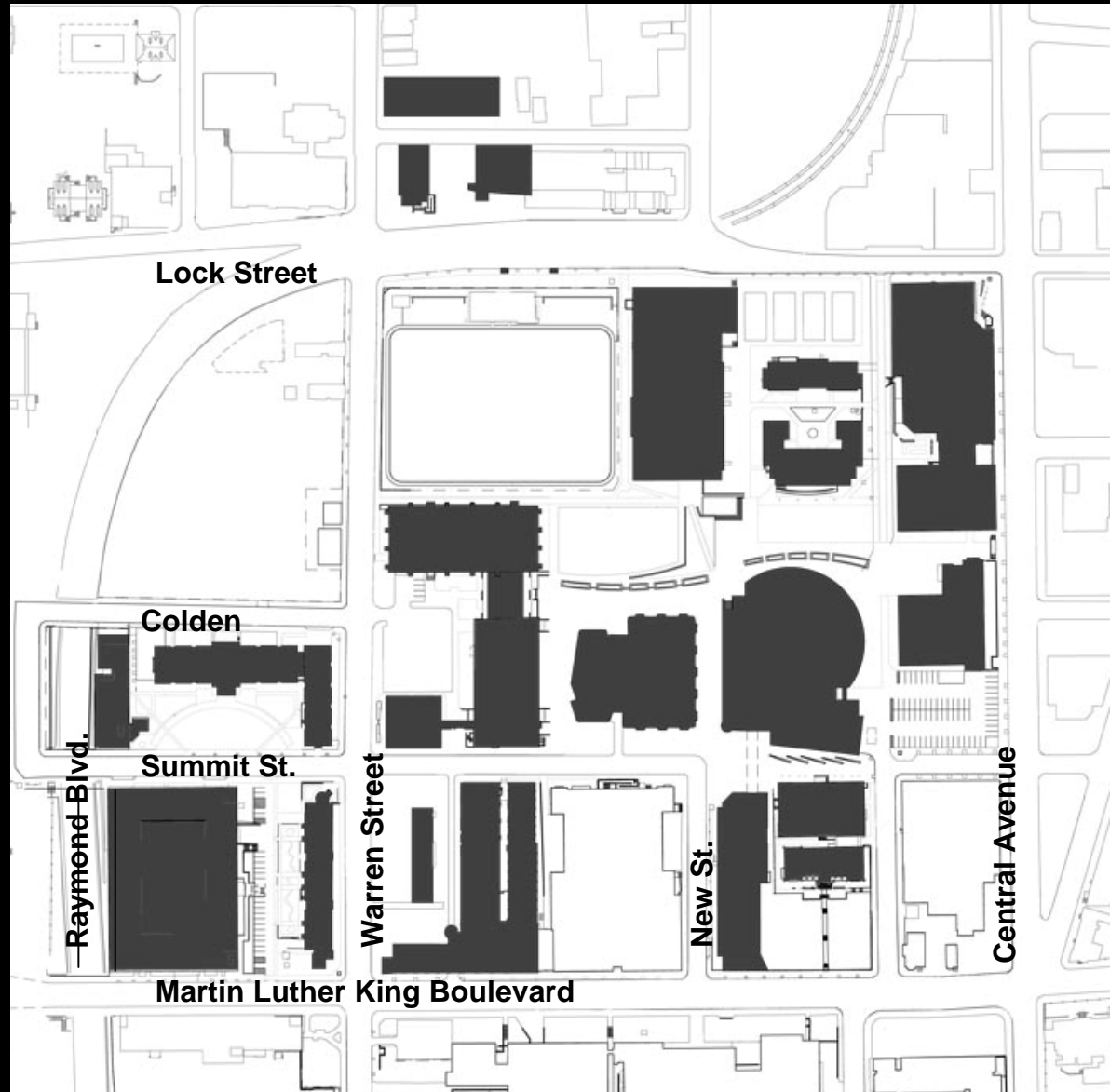
Continued transition to a 24/7 residential campus

Engagement

Local and global community

Professional practice & industry alliances

- *Develop facilities and resources to support NJIT's mission and future long-term growth*
- *Support the social, academic and cultural life on campus by way of permeating technological awareness and shaping of a "life of the mind"*
- *Establish significant, meaningful spaces to encourage interdisciplinary collaboration and professional development*
- *Create inviting approaches, distinct gateways and strong pedestrian connections to adjacent institutions, downtown and surrounding neighborhoods*



Proposed Plan

Athletics / Recreation Facility

Potential Academic Tower

New Student Housing

Gateway Plan mixed use Greek Village

New Tiernan gateway

Academic Space Expansions

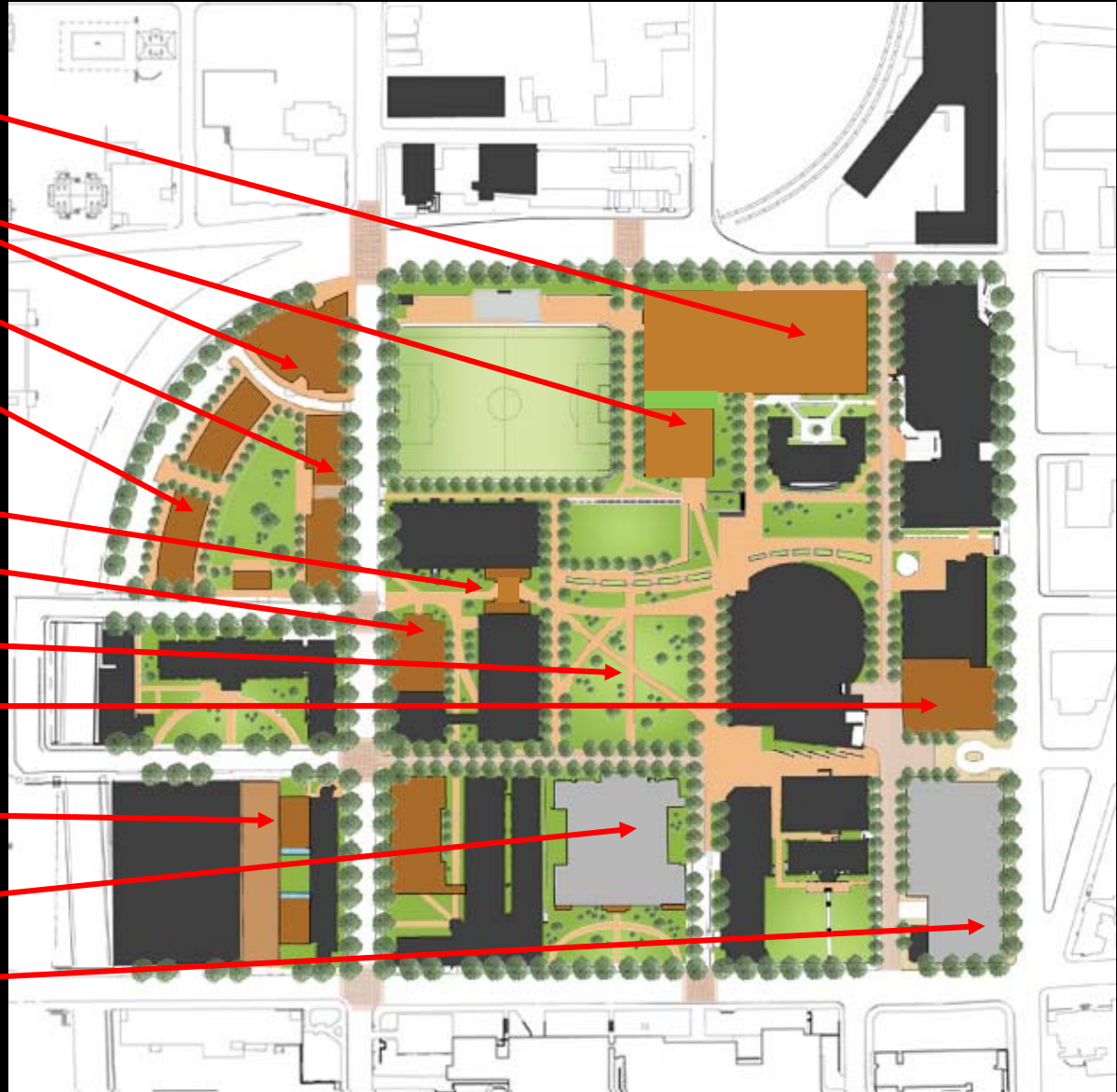
New Central Green

Library, CAB and service core expansion

York Center and parking garage expansion

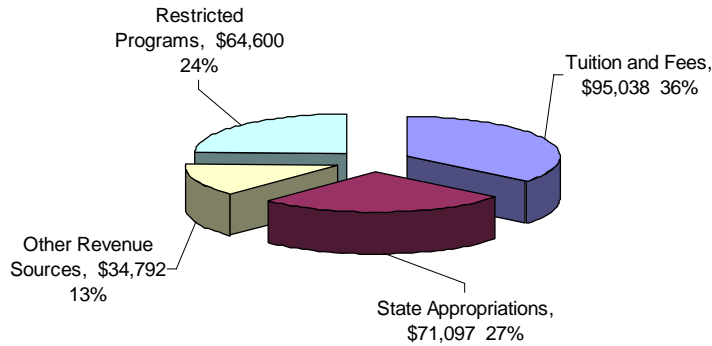
Central High School

Gateway Plan hotel / conference center

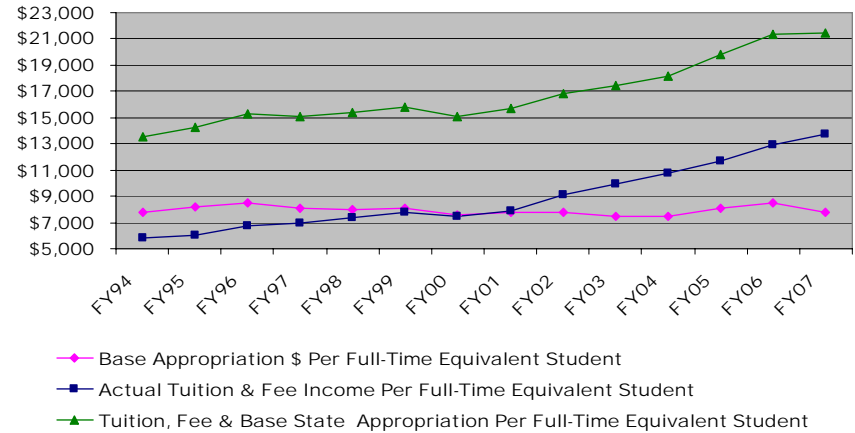


FY2008 Revenue Operating Budget

Revenue = \$265,527
(\$000's)



Comparison of Base Appropriation and Tuition & Fee Income per FTE FY94-FY07 (000's)

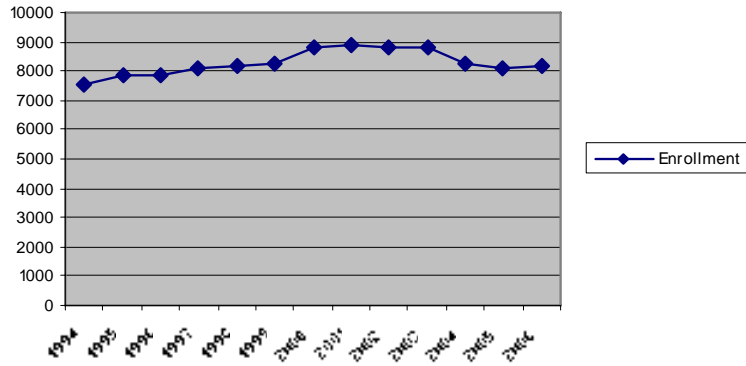


State appropriations per student have not (will not) change; very best case is they stay flat; pressure on state budget is to ↓ higher ed appropriations

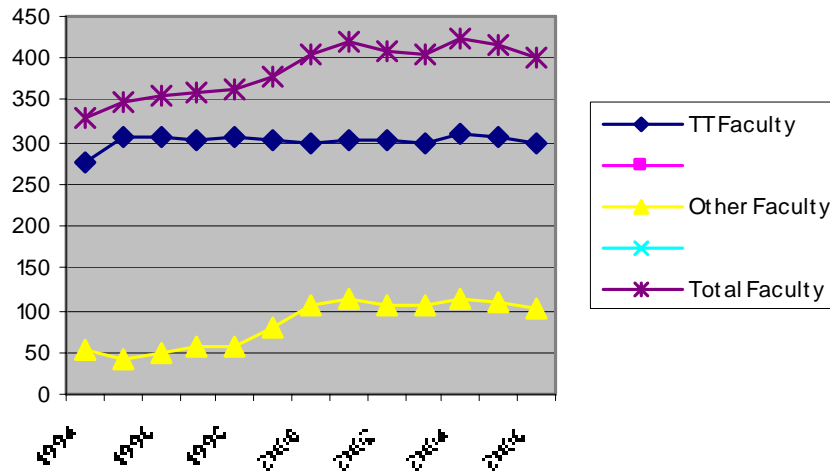
About 60% of the revenue to deliver the educational program comes from tuition and fees.

Pressure is to ↓ tuition increases; ∴ additional revenue comes from additional enrollment

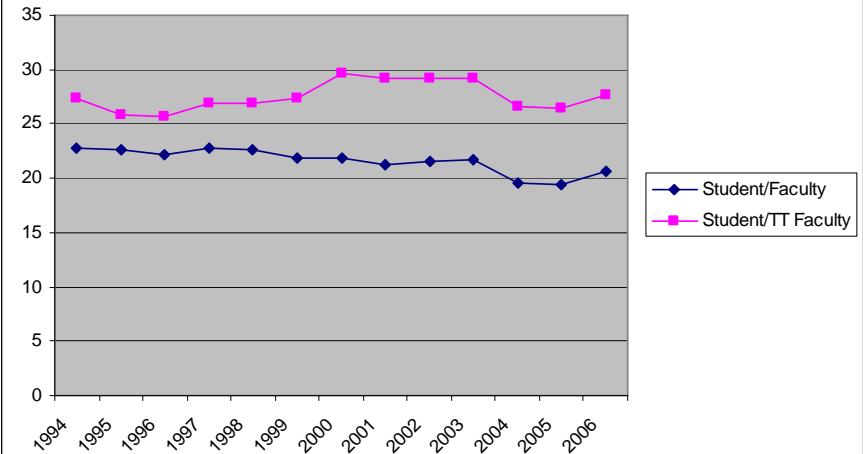
Enrollment



Faculty

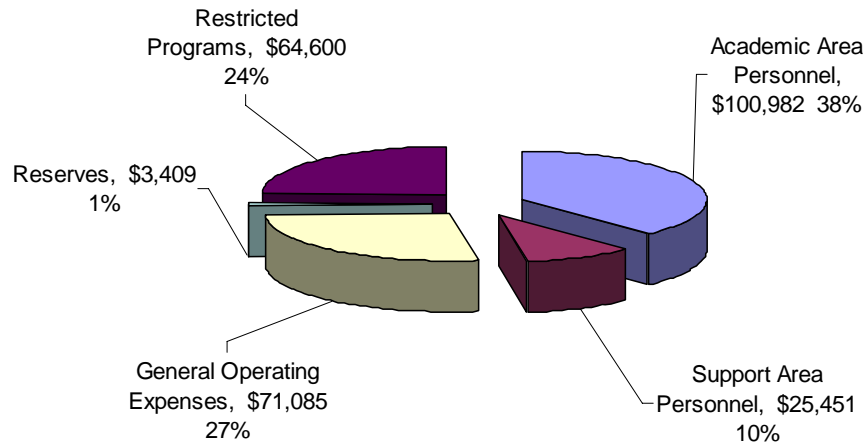


Student/Faculty



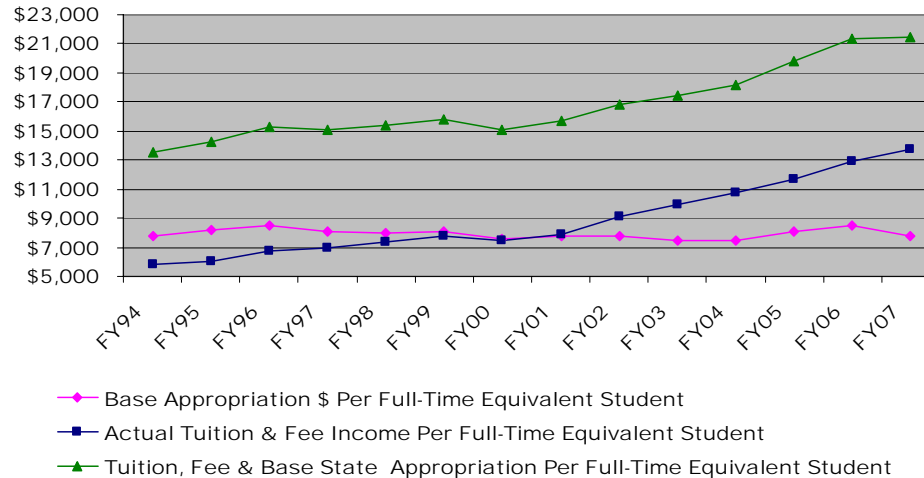
FY2008 Expenses Operating Budget

Expenses = \$265,527
(\$000's)



The “overhead” of delivering the educational program is about 100%

Comparison of Base Appropriation and Tuition & Fee Income per FTE FY94-FY07 (000's)



At current tuition and fee revenues per FTE, 15 FTE (22 students) demonstrates, on the macro scale, a need for additional faculty

"Peer" Enrollments

Institution Name	Fall 00	Fall 05	Fall 06	% Chng 00 to 05	% Chng 05 to 06	% Chng 00 to 06
Drexel University	13128	18466	19845	40.7%	7.5%	51.2%
University of Missouri-Rolla	4626	5600	5858	21.1%	4.6%	26.6%
Georgia Institute of Technology	14805	17135	17935	15.7%	4.7%	21.1%
Stevens Institute of Technology	4121	4690	4829	13.8%	3.0%	17.2%
Carnegie Mellon	8514	10017	9841	17.7%	-1.8%	15.6%
Illinois Institute of Technology	6003	6472	6795	7.8%	5.0%	13.2%
Florida Institute of Technology	4248	4745	4741	11.7%	-0.1%	11.6%
NYIT	9307	10203	10212	9.6%	0.1%	9.7%
Cooper Union	906	1008	990	11.3%	-1.8%	9.3%
University of Alabama in Huntsville	6563	7084	7091	7.9%	0.1%	8.0%
University of Delaware	19072	20982	20380	10.0%	-2.9%	6.9%
University of Maryland-Baltimore	5337	5526	5498	3.5%	-0.5%	3.0%
Virginia Tech	27869	27979	28470	0.4%	1.8%	2.2%
Clemson University	17465	17165	17309	-1.7%	0.8%	-0.9%
New Jersey Institute of Technology	8820	8058	8209	-8.6%	1.9%	-6.9%
Rensselaer Polytechnic Institute	8022	6514	7433	-18.8%	14.1%	-7.3%

New Jersey Enrollments			
	2002	2006	% Change
Stockton	6,538	7,212	10.3%
Montclair	14,673	16,076	9.6%
Kean	12,779	13,050	2.1%
Ramapo	5,494	5,499	0.1%
TCNJ	6,948	6,934	-0.2%
Rowan	9,685	9,578	-1.1%
Wm. Pat	10,924	10,599	-3.0%
Rutgers	51,480	49,760	-3.3%
NJCU	9,097	8,522	-6.3%
NJIT	8,828	8,209	-7.0%
	136,446	135,439	-0.7%
Community Colleges	138,924	154,085	10.9%
Independents	60,315	65,508	8.6%
Data from CHE report			

Program Changes from 2000 to 2006

Institution Name	Added	Removed
Drexel University	21	1
University of Missouri-Rolla	15	0
Georgia Institute of Technology	7	2
Stevens Institute of Technology	12	0
Carnegie Mellon	51	2
Illinois Institute of Technology	22	6
Florida Institute of Technology	17	3
NYIT	10	8
Cooper Union	0	0
University of Alabama in Huntsville	3	0
University of Delaware	8	0
University of Maryland-Baltimore	6	1
Virginia Tech	9	3
Clemson University	12	1
New Jersey Institute of Technology	3	0
Rensselaer Polytechnic Institute	13	0

Competitor Programmatic Strategies

- Expand into sub-disciplines: subdividing
- Extend program range into non-technical areas: broadening
- Measured development toward new, “traditional” degrees

In addition

Invigorate/reinvigorate programs

NJ 2007 College-Bound Seniors Intended Majors

Intended Major	Interest
Business Management	17%
Health Professions	16%
Education	11%
Visual and Performing Arts	9%
Engineering	7%
Biological and Biomedical Sciences	5%
Total	65%

Program Development

NCE	Healthcare Systems Management (EMS)
	Energy and Power Systems (MS)
	Pharmaceutical Processing and Manufacturing (MS)
	Pharmaceutical Management (MS)
	Pharmaceutical Materials Science and Engineering (MS)
	Bioelectronics (MS)

SOM	Health Systems Management (BS)
	Financial Engineering (BS)
	Financial Engineering (MS)
	International Business (BS)
	International Business (MS)
	New Media Business Development (BS)
	New Media Business Development (MS)
	Management Information Systems (MS)
	Enterprise Development (BS)
	Enterprise Development (MS)

NJSOA	Digital Design (BS)
	Interior Design (BS)
	Art (BFA)
	Graphic Design (BA/BS)
	Landscape Architecture (BS)

CCS	Computing and Business (BS)
	Computing and Business (MS)
	Business Informatics (BS)

CSLA	Computational Sciences (BS)
	Biophysics (BS)
	Biochemistry (BS)
	Pharmaceutical Chemistry (MS)
	Biostatistics (MS)
	Law, Technology and Culture (BA)

NJ 2007 College-Bound Seniors	Program Development FY08-FY10						Total
	NJSOA	NCE	CCS	CSLA	SOM		
Business Management	0	0	3	0	9	12	
Health Professions	0	1	0	0	1	2	
Education	0	0	0	0	0	0	
Visual and Performing Arts	5	0	0	0	0	5	
Engineering	0	1	0	0	0	1	
Biological and Biomedical Sciences	0	4	0	4	0	8	
Sub Total	5	6	3	4	10	28	
Curriculum Broadening	0	0	0	2	0	2	
Total	5	6	3	6	10	30	
Faculty Hires FY08 & FY09	6	7	2	9	2	26	

Conclusions

“Business” is different than 15 years ago

We need to behave as a tuition driven institution

Need to be competitive

- Environmentally (campus physical plant/college neighborhood/student life)
- Programmatically

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	Major Campaign			