

The National GEM Consortium
2005 Annual Report





THE NATIONAL GEM CONSORTIUM

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LETTER FROM THE PRESIDENT



Ronald Goldsberry
President

Looking back, 2005 was a strong turnaround year for GEM. We implemented a strategic planning program that brought immediate rewards as we refocused on our core strength—developing relationships and opening doors—to rebuild the balance sheet and improve the organization’s financial strength. But 2005 was not about quick fixes. Our leadership undertook an extensive examination of the entire organization to ensure GEM’s long-term viability. Through the strategic planning process we also began the ambitious work to drive excellence deep into our management structure, from the search for a new executive director, to defining organizational excellence for our entire Board of Directors at our annual conference in Boston. All of our efforts must be directed at improving the value of what we provide every GEM Fellow, alumnus and alumna, member, and partner.

We are good at what we do—mining a national pool of underrepresented engineering and science talent. In doing so, we serve more than 90 university members and nearly 50 companies and research organizations in the process of awarding graduate fellowships. But to remain relevant in today’s higher education policy and funding landscape we must get better.

We want our members to be elated by the caliber of talent GEM identifies, pre-qualifies, and screens for them—not just satisfied. We want our programmatic offerings to be world-class tools encouraging, exciting, and impelling youth to obtain advanced degrees in science, technology, engineering, and mathematics (STEM) disciplines, not just vocational counseling experiences.

Our objective is to transform The National GEM Consortium—its mindset, culture, processes, and performance ethic—into a high-performance nonprofit corporation. We face a steep climb to achieve the performance levels we desire, but coming out of 2005 and anticipating what we will write in looking back on 2006, our 30th anniversary year, we believe the organization is on pace to achieve our transformation.

Sincerely,

A handwritten signature in cursive script that reads "Ronald E. Goldsberry".

Ronald E. Goldsberry, Ph.D.

Mission

The mission of The National GEM Consortium is to enhance the value of the nation's human capital by increasing the participation of underrepresented groups (African Americans, American Indians, and Hispanic Americans) at the master's and doctoral levels in engineering and science.

How We Do It

GEM identifies and recruits undergraduates, graduate students, and working professionals for admission to engineering and science advanced degree programs. Through three graduate fellowships—M.S. Engineering, Ph.D. Engineering, and Ph.D. Science—GEM provides complete financial assistance to a select group of applicants each year. We are the only privately funded nonprofit graduate education corporation that provides underrepresented groups with access to graduate study at the nation's best universities and research institutions and internships with leading employers and research centers.

We create technical leaders by empowering people.

Why GEM

Underrepresentation in science, technology, engineering, and mathematics (STEM) disciplines is exacerbated at the graduate level. According to the 2002 Survey of Earned Doctorates, 775 African Americans, Hispanic Americans, and American Indians received a doctorate in science or engineering—less than one percent of all recipients.

We recognize that it is not enough to focus on increasing participation alone. Only through systemic change will our nation attract the breadth and depth of talent capable of discovery and innovation greater than that of the late 20th century "Space Race" cohort.

As an advocate for change GEM will continue to build our network of partners and supporters to develop collaborative efforts addressing the multiple barriers discouraging too many from attaining expertise and influence in the fields of engineering and science.

2005 AT A GLANCE

More than 350 new and continuing GEM Fellows enrolled in 2004-2005

26 percent increase in fellowship awards

Embarked on a three-year strategic plan

GRADUATE FELLOWSHIP PROGRAMS

Applicants	674
Awards	152
All Alumni	2801
Ph.D. Alumni	223

BUILDING OUR FUTURE

The vitality of our consortium and the inherent value of our business proposition are apparent by the number and caliber of organizations and institutions that work in partnership with GEM to fulfill our vital mission.

In 2005 our membership base included:

48 employer members

New employers

- Southwest Research Institute
- Abbott Laboratories

94 university members

New universities

- Northeastern University
- Rochester Institute of Technology
- University of South Florida

A total 152 fellowships awarded in FY 2005 compared to 121 fellowships in FY2004.

IBM Corporation increased fellowship contributions 433% from \$45,000 to \$240,000. IBM was awarded our 2005 Employer Member of the Year award in recognition of the organization's outstanding championship of our shared cause.

"What IBM has been able to do with GEM, and this is important for other corporations to understand, is not only do we work with GEM to identify a really competitive pool of candidates to bring into IBM but we also use it as a great way to retain the interns we already have in the company who are just outstanding and have also demonstrated this interest in graduate school. So this is a great way to retain those interns and coops through their graduate studies and not lose touch with them and show our support as a corporation to their academic success."

Shannon Thrasher-Bynes
University Relations & Innovation Programs
IBM Corporate Technology
2005 Employer Member of the Year

Intel Corporation remained our leading employer sponsor contributing more than \$300,000 in fellowship support.

"I see GEM's legacy as putting the top minority students in the country into the pipeline for our industries now and going forward into the future."

Shirley Maier
U.S. College Recruiting
U.S. Scholar Programs
Rotation Engineers Program

GEM SPOTLIGHT

Endowing Potential

In 2003 we established a \$1 million endowment. Through investment income and contributions to the GEM Fund from past GEM presidents and GEM alumni, these resources now total more than \$1.5 million.

One remarkable outcome of this strategy is the 10 Ph.D. fellowships awarded to date as a result of endowment funding. By thinking outside of the box we have expanded our employer-university funding model to increase the number of doctoral awards. We realize it is essential to support future faculty and research professionals who will participate in changing the climate within STEM professions to one demanding excellence, leadership, understanding, and community embracing a diverse and worldly outlook.

So, in a given year GEM may choose to award a Ph.D. Engineering or Ph.D. Science fellowship to applicants who have a research interest in a discipline that may be difficult to match with an employer member's internship needs. Our endowment better positions us to support deserving students, like Daphne and Dimitri, who most likely would not have become GEM Fellows otherwise.

The GEM Fund and growing the endowment are two long-term approaches to increasing our reach into untapped populations and lowering a serious barrier to graduate education for underrepresented students entering the graduate school pipeline: funding.

2005 GEM Endowed Fellows

Daphne S. Belen-Codero

Ph.D. Engineering Fellow
University of Puerto Rico-Mayaguez
Chemical engineering/material science and nanotechnology

Dimitri Hughes

Ph.D. Engineering Fellow
Georgia Tech
Mechanical engineering/fuel cell technology

Marc Fisher received his B.S. in Biology Teaching at Brigham Young University. After teaching middle school science he opted for a graduate degree, receiving his M.S. in Entomology from Texas A&M University. A 2002 Ph.D. Science Fellow sponsored by Dow AgroSciences, he took his Ph.D. in Entomology at Virginia Polytechnic Institute & State University in 2005. The married father of four then accepted an offer of full-time employment with Dow AgroSciences.

Frances DeAnna Carter, a 2003 GEM Ph.D. Science Fellow sponsored by Corning, Incorporated, is currently pursuing her doctorate in Applied Physics at the University of Maryland, Baltimore County. She is an alumnae of Spelman College and the Georgia Institute of Technology (May 2000), with dual B.S. degrees in Physics and Mechanical Engineering, and Mississippi State University (August 2004) with a M.S. in Physics. Her work experience includes full-time employment with Corning, Incorporated and internships with NASA and Andersen Consulting.

Javier Alvarado Jr. obtained his M.S. (2005) & B.S. (2002 *cum laude*) degrees in Electrical & Computer Engineering at Cornell University, where he is currently a doctoral candidate in electrical engineering. His research focuses on the design of various extremely high performance front-end transceiver components any where from 2 - 60 GHz in both CMOS and SiGe technology. Javier received a GEM Ph.D. Engineering fellowship sponsored by Intel Corporation in 2004 and completed his internship designing several elements of a completely integrated battery-less transponder for a possible biomedical application.

Ivette S. Estay graduated with a B.S. in Cell and Molecular Biology, *magna cum laude*, from California State University, Northridge. She is currently in the Cancer Biology Ph.D. program at Stanford University in the laboratory of Anthony E. Oro in the Dermatology Department. Ivette was awarded a Ph.D. Science fellowship in 2003. Her sponsoring institution was Agilent Technologies in Palo Alto, California, where she spent her internship in Agilent's Molecular Diagnostics department under project manager Laurakay Bruhn.

M.S. ENGINEERING

Applicant and Selection Data

2005 GEM Applicant Pool Statistics—M.S. Engineering

Total Applicants: 402 Female Applicants: 159 (40%)

Discipline	# of Applicants	%
Aerospace	16	4%
Bioengineering	24	6%
Chemical	24	6%
Civil	29	7%
Computer	84	21%
Electrical	84	21%
Engineering Management	5	1%
Industrial	32	8%
Environmental	8	2%
Materials	6	2%
Mechanical	68	17%
Operations Research	4	1%
Pharmaceutical	3	1%
Physics	5	1%
Other	10	2%

Ethnicity	Male	Female	Total	%
African American	143	125	268	67%
Hispanic American	56	13	69	17%
Mexican American	25	8	33	8%
American Indian	4	3	7	2%
Puerto Rican	15	10	25	6%
Totals	243	159	402	

2005 GEM Applicant Selection Statistics—M.S. Engineering

Total Selects: 106 Female Awardees: 30 (28%)

Discipline	# of Selects	%
Aerospace	3	3%
Chemical	8	8%
Civil	3	3%
Computer	26	25%
Electrical	24	23%
Industrial	7	6%
Materials	3	3%
Mechanical	27	25%
Other	5	4%

Ethnicity	Male	Female	Total	%
African American	38	21	59	56%
Hispanic American	21	3	24	23%
Mexican American	8	0	8	8%
American Indian	2	0	2	1%
Puerto Rican	7	6	13	12%
Totals	76	30	106	

Ph.D. ENGINEERING

Applicant and Selection Data

2005 GEM Applicant Pool Statistics—Ph.D. Engineering

Total Applicants: 154 **Female Applicants: 66 (43%)**

Discipline	# of Applicants	%
Aerospace	9	6%
Bioengineering	21	14%
Chemical	21	14%
Civil	9	6%
Computer	13	8%
Electrical	36	23%
Industrial	15	9%
Materials	4	3%
Mechanical	20	13%
Other	6	4%

Ethnicity	Male	Female	Total	%
African American	48	37	85	55%
Hispanic American	13	10	23	15%
Mexican American	11	7	18	12%
American Indian	1	0	1	1%
Puerto Rican	15	12	27	17%
Totals	88	66	154	

2005 GEM Applicant Selection Statistics—Ph.D. Engineering

Total Selects: 27 **Female Awardees: 14 (52%)**

Discipline	# of Selects	%
Chemical	5	19%
Computer	4	15%
Electrical	6	21%
Industrial	3	11%
Mechanical	5	19%
Other	4	15%

Ethnicity	Male	Female	Total	%
African American	10	7	17	63%
Hispanic American	1	3	4	15%
Mexican American	1	1	2	7%
American Indian	0	0	0	0%
Puerto Rican	1	3	4	15%
Totals	13	14	27	

Ph.D. SCIENCE

Applicant and Selection Data

2005 GEM Applicant Pool Statistics—Ph.D. Science

Total Applicants: 118 **Female Applicants: 70 (59%)**

Discipline	# of Applicants	%
Bio & Engineering	28	24%
Chemistry	19	16%
Computer	23	19%
Environmental	4	3%
Geological	3	3%
Materials	3	3%
Math	12	10%
Neuroscience	3	3%
Pharmaceutical	4	3%
Physics	13	11%
Other	6	5%

Ethnicity	Male	Female	Total	%
African American	26	46	72	61%
Hispanic American	12	6	18	15%
Mexican American	3	10	13	11%
American Indian	1	0	1	1%
Puerto Rican	6	8	14	12%
Totals	48	70	118	

2005 GEM Applicant Selection Statistics—Ph.D. Science

Total Selects: 19 **Female Awardees: 11 (58%)**

Discipline	# of Selects	%
Chemistry	5	26%
Computer	5	26%
Math	3	16%
Physics	2	11%
Other	4	21%

Ethnicity	Male	Female	Total	%
African American	4	11	15	79%
Hispanic American	3	0	3	16%
Mexican American	1	0	1	5%
American Indian	0	0	0	0%
Puerto Rican	0	0	0	0%
Totals	8	11	19	

M.S. AND Ph.D. GPA ANALYSIS

Applicant and Selection Data

Analysis of application pool with comparison to number of applicants selected

	M.S. Engineering	Ph.D. Science	Ph.D. Engineering	Total
Total Applicants	402	118	154	674
Selects	106	19	27	152
Percent selected	26%	16%	18%	23%

Applicant GPA Range	M.S. Engineering		Ph.D. Science		Ph.D. Engineering	
	Number	%	Number	%	Number	%
= 4.0	23	6%	10	8%	7	5%
> 3.7	72	18%	34	29%	36	23%
> 3.5	129	32%	51	43%	64	42%
> 3.3	209	52%				
≥ 3.0	312	78%				

Selects GPA Range	M.S. Engineering		Ph.D. Science		Ph.D. Engineering	
	Number	%	Number	%	Number	%
= 4.0	9	8%	1	5%	0	0%
> 3.7	35	33%	5	26%	8	30%
> 3.5	56	53%	8	42%	12	44%
> 3.3	84	79%				
≥ 3.0	96	91%				

GEM Ph.D. PROGRESS TO DATE

	Engineering	Science
Graduated	119	104
Making Satisfactory Progress	76	51
TOTAL	196	155

M.S. ENGINEERING ENROLLMENT

University	Fall 2004
Alabama, U	0
Arizona State U	1
Arizona, U	0
Arkansas, U	1
Auburn U	0
Boston College	0
California Institute of Technology	0
California-Berkeley, U	2
California-Davis, U	2
California-Los Angeles, U	4
California-San Diego, U	1
California-Santa Barbara, U	0
Carnegie Mellon	2
Case Western	0
Central Florida, U	0
Cincinnati, U	0
City College of New York	0
Clarkson U	0
Clemson U	0
Colorado State	1
Colorado, U of	1
Columbia U	1
Cornell U	1
Delaware, U of	0
Drexel	0
Duke U	0
Florida A&M U	0
Florida State U	1
Florida, U	0
Georgia Tech	15

University	Fall 2004
Harvard	0
Houston, U	0
Howard U	0
Illinois at Chicago, U	2
Illinois Institute Tech	1
Illinois-Urbana/Champaign, U	4
Iowa State U	4
Iowa, U	2
Johns Hopkins U	3
Kansas, U	0
Louisiana State U	0
Maryland-Baltimore County	3
Maryland-College Park U	1
MIT	2
Massachusetts, U	0
Michigan State U	3
Michigan Technological U	0
Michigan, U	17
Minnesota, U	0
Mississippi State U	0
Missouri-Columbia, U	0
Missouri-Rolla, U	0
Nebraska-Lincoln, U	0
New Jersey Institute Tech	1
New Mexico State	1
New Mexico, U	0
North Carolina A&T State U	5
North Carolina State U	4
North Carolina, Chapel Hill	0
Northeastern U	0

University	Fall 2004
Northwestern U	2
Notre Dame, U	0
Ohio State U	0
Oklahoma, U	0
Pennsylvania State U	1
Pennsylvania, U	0
Pittsburgh, U	0
Polytechnic U	0
Princeton U	1
Puerto Rico-Mayaguez, U	1
Purdue U	13
Rensselaer Polytechnic	2
Rice U	0
Rutgers State U	0
Southern California, U	7
Stanford, U	6
Syracuse, U	1
Tennessee-Knoxville, U	0
Texas A&M	4
Texas, DallasU	1
Texas El Paso, U	2
Texas Austin	1
Tuskegee U	0
Vanderbilt	1
Virginia Polytechnic Institute	1
Virginia, U	0
Washington, U	0
Washington U	0
Wisconsin-Madison, U	0
Worcester Polytechnic Institute	0
Yale	0

Total Number of Fellows: 130

Ph.D. ENGINEERING AND SCIENCE ENROLLMENT

Last School	Fall 2004		Continuing		TOTAL	
	ENG.	SCI.	ENG.	SCI.	ENG.	SCI.
Alabama, U of	0	0	0	0	0	0
Arizona State	0	0	0	0	0	0
Arizona, U of	0	0	1	0	1	0
Arkansas, U of	0	0	0	0	0	0
Auburn	0	0	0	0	0	0
Boston U	0	0	0	2	0	2
California Institute of Technology	0	0	0	1	0	1
California, Berkeley	0	0	1	2	1	2
California, Davis	1	1	0	1	1	2
California, Los Angeles	0	0	0	0	0	0
California, San Diego	0	1	2	0	2	1
California, Santa Barbara	0	0	1	1	1	0
Carnegie Mellon	0	0	1	0	1	0
Case Western Reserve	0	0	0	0	0	0
Central Florida, U of	1	0	2	0	3	0
Cincinnati, U of	0	0	0	0	0	0
City College of NY	0	0	0	0	0	0
Clarkson	0	0	0	0	0	0
Clemson	0	0	0	0	0	0
Colorado School of Mines	0	0	0	0	0	0
Colorado State	0	0	1	0	1	0
Colorado, Boulder	0	0	2	1	2	1
Columbia University	0	0	0	0	0	0
Cornell	1	0	0	0	1	0
Delaware, U of	0	0	0	1	0	1
Drexel	0	0	0	0	0	0
Duke	1	0	0	0	1	0
Florida A&M	0	0	2	0	2	0
Florida State	0	1	0	0	0	1
Florida, U of	0	0	2	1	2	1
Georgia Tech	2	0	13	0	15	0
Harvard	0	0	0	1	0	1
Houston, U of	0	0	0	2	0	2
Howard	0	0	0	1	0	1
IIT	0	0	0	0	0	0
Illinois, Chicago	0	0	0	0	0	0
Illinois, Urbana Champaign	0	0	0	2	0	2
Iowa State	1	0	1	0	2	0
Iowa, U of	0	0	0	0	0	0
Johns Hopkins	0	0	0	1	0	1
Kansas, U of	0	0	0	0	0	0
Louisiana State	0	0	0	0	0	0
Maryland, Baltimore County	0	1	0	0	0	1
Maryland, College Park	0	0	1	2	1	2
Massachusetts, U of	0	0	0	0	0	0
Michigan State	0	0	2	0	2	0
Michigan Tech	0	0	0	0	0	0
Michigan, U of	3	0	7	3	10	3
Minnesota, U of	0	0	1	1	1	1
Mississippi State	0	0	0	0	0	0

Last School	Fall 2004		Continuing		TOTAL	
	ENG.	SCI.	ENG.	SCI.	ENG.	SCI.
Missouri, Columbia	0	0	0	0	0	0
Missouri, Rolla	0	0	0	0	0	0
MIT	1	0	3	0	4	0
NC A&T State	0	0	1	0	1	0
NC Chapel Hill	0	0	0	2	0	2
NC State U	0	0	2	2	2	2
Nebraska, U of	0	0	0	0	0	0
New Jersey Tech	0	0	0	0	0	0
New Mexico State	0	0	0	0	0	0
New Mexico, U of	0	1	0	0	0	1
North Carolina, Chapel Hill	0	0	0	2	0	2
Northwestern U	1	0	3	0	4	0
Notre Dame, U of	0	0	0	1	0	1
Ohio State	0	0	0	2	0	2
Oklahoma, U of	0	0	0	0	0	0
Penn State	0	0	0	0	0	0
Pennsylvania, U of	0	0	1	0	1	0
Pittsburgh, U of	0	0	0	0	0	0
Polytechnic	0	0	0	0	0	0
Princeton	0	0	1	0	1	0
Puerto Rico, Mayaguez	0	0	0	0	0	0
Purdue	0	0	2	5	2	5
Rensselaer Polytechnic	0	0	1	0	1	0
Rice	0	0	0	0	0	0
Rutgers	0	0	0	0	0	0
South Carolina, U of	0	0	0	0	0	0
South Florida, U of	0	0	0	0	0	0
Southern California	0	0	0	0	0	0
Stanford	0	0	0	2	0	2
Syracuse	0	0	0	0	0	0
Tennessee, U of - Knoxville	0	0	0	0	0	0
Texas A&M	0	0	4	1	4	1
Texas Austin	0	0	1	1	1	1
Texas, Dallas	0	0	1	0	1	0
Texas, El Paso	0	0	1	0	1	0
Tuskegee	0	0	0	0	0	0
Vanderbilt University	0	0	0	0	0	0
Virginia Tech	0	0	1	2	1	2
Virginia, U of	0	0	0	0	0	0
Washington University	0	0	2	0	2	0
Washington, U of	0	0	0	1	0	1
Worcester Polytechnic	0	0	0	0	0	0
Yale	0	0	1	3	1	3
TOTAL	12	5	64	46	76	51

M.S. ENGINEERING GRADUATION RATES

University	Graduated	With-drew	Rate
Alabama, U of	5	0	100%
Arizona State	38	15	72%
Arizona, U of	16	2	89%
Arkansas, U of	1	0	100%
Auburn	10	3	77%
Boston U	25	3	89%
CA Berkeley	84	5	94%
CA Davis	17	8	68%
CA LA	24	3	89%
CA San Diego	5	0	100%
CA Santa Barb	16	5	76%
Cal Tech	13	1	93%
Carnegie Mellon	26	3	90%
Case Western	7	1	88%
Central Florida	3	0	100%
Cincinnati, U of	1	0	100%
City College of NY	2	0	100%
Clarkson	5	0	100%
Clemson	12	4	75%
Colorado School of Mines	0	0	0%
Colorado State	0	0	0%
Colorado, U of	9	1	90%
Columbia	32	3	91%
Cornell	108	7	94%
Delaware, U of	8	4	67%
Drexel	2	0	100%
Duke U	4	1	80%
Florida A&M U	7	2	78%
Florida State	6	1	86%
Florida, U of	36	6	86%
Georgia Tech	434	35	93%
Harvard	0	0	0%
Houston, U of	8	8	50%
Howard	39	10	80%
IL Chicago	1	0	100%
IL Institute of Technology	18	5	78%
IL Urbana	47	6	89%
Iowa State	4	4	50%
Iowa, U of	2	0	100%
Johns Hopkins	17	6	74%
Kansas, U of	0	1	0%
Louisiana State	5	3	63%
Maryland, Baltimore County	0	0	0%
Maryland, College Park	52	12	81%
MIT	126	6	95%
Massachusetts, U of	0	0	0%
Michigan State	32	8	80%
Michigan Tech	0	0	0%

University	Graduated	With-drew	Rate
Michigan, U of	163	18	90%
Minnesota, U of	3	1	75%
Mississippi State	6	1	86%
Missouri, Columbia, U of	1	0	100%
Missouri, Kansas, U of	0	1	0%
Missouri, Rolla, U of	6	2	75%
Nebraska, U of	0	0	0%
New Jersey Institute of Technology	5	0	100%
New Mexico State	29	4	88%
New Mexico, U of	9	4	69%
North Carolina A&T State U	101	11	90%
North Carolina State U	52	12	81%
North Carolina, Chapel Hill, U of	1	1	50%
Northwestern	39	6	87%
Notre Dame, U of	10	1	91%
Ohio State	20	3	87%
Oklahoma, U of	3	4	43%
Penn State	27	5	84%
Pennsylvania, U	28	4	88%
Pittsburgh, U of	1	0	100%
Polytechnic	30	4	88%
Princeton	9	0	100%
Puerto Rico, M	7	2	78%
Purdue	119	18	87%
Rensselaer Polytechnic	53	6	90%
Rice	19	4	83%
Rutgers	1	0	100%
South Carolina, U of	0	0	0%
South Florida, U of	0	0	0%
Southern Cal	33	6	85%
Stanford	255	16	94%
Syracuse	1	1	50%
Tennessee, U of	10	2	83%
Texas A&M	38	3	93%
Texas, Austin	40	9	92%
Texas, Dallas	1	1	50%
Texas, El Paso	22	9	71%
Tuskegee	22	1	96%
Vanderbilt	5	2	71%
Virginia Tech	20	8	71%
Virginia, U of	20	4	83%
Washington U	3	0	100%
Washington, U of	26	3	90%
Wisconsin	31	6	84%
Worcester Polytechnic	1	0	100%
Yale	1	0	100%
TOTAL	2578	365	88%

2005 APPLICANT FLOW FROM GEM MEMBER UNIVERSITIES

Last School	Number Received
Alabama, U of	3
Arizona State	9
Arizona, U of	1
Arkansas, U of	4
Auburn	0
Boston U	2
California Institute of Technology	1
California, Berkeley	4
California, Davis	6
California, Los Angeles	8
California, San Diego	1
California, Santa Barbara	0
Carnegie Mellon	2
Case Western Reserve	0
Central Florida, U of	5
Cincinnati, U of	2
City College of NY	3
Clarkson	0
Clemson	5
Colorado School of Mines	1
Colorado State	1
Colorado, Boulder	3
Columbia University	5
Cornell	5
Delaware, U of	1
Drexel	8
Duke	2
Florida A&M	13
Florida State	7
Florida, U of	13
Georgia Tech	11
Harvard	0
Houston, U of	3
Howard	5
Illinois Institute of Technology	1
Illinois, Chicago	5
Illinois, Urbana Champaign	5
Iowa State	6
Iowa, U of	0
Johns Hopkins	4
Kansas, U of	1
Louisiana State	2
Maryland, Baltimore County	13
Maryland, College Park	2
Massachusetts, U of	1
Michigan State	9
Michigan Tech	2
Michigan, U of	13

Last School	Number Received
Minnesota, U of	1
Mississippi State	2
Missouri, Columbia	1
Missouri, Kansas, U of	0
Missouri, Rolla	0
MIT	15
NC A&T State	34
NC Chapel Hill	1
NC State U	9
Nebraska, U of	2
New Jersey Tech	14
New Mexico State	5
New Mexico, U of	15
Northeastern U	2
Northwestern U	2
Notre Dame, U of	1
Ohio State	1
Oklahoma, U of	7
Penn State	2
Pennsylvania, U of	4
Pittsburgh, U of	1
Polytechnic	5
Princeton	1
Puerto Rico, Mayaguez	39
Purdue	9
Rensselaer Polytechnic	5
Rice	0
Rutgers	6
South Carolina, U of	3
South Florida, U of	5
Southern California	5
Stanford	17
Syracuse	1
Tennessee, U of - Knoxville	7
Texas A&M	12
Texas, Austin	3
Texas, Dallas	3
Texas, El Paso	10
Tuskegee	11
Vanderbilt University	5
Villanova	1
Virginia Tech	4
Virginia, U of	2
Washington University	4
Washington, U of	0
Wisconsin, Madison	1
Worcester Polytechnic	0
Yale	0
TOTAL	130

2005 APPLICANT FLOW FROM OTHER UNIVERSITIES

Last School	# Appls.
Alabama A&M University	1
Albany State U	2
Alcorn State	1
Benedict	1
Bennett College	1
Bethune-Cookman	1
Bowie State U	2
California, Bakersfield	1
California, Irvine	4
California, Long Beach	1
California, Los Angeles	3
California, Polytechnic	1
California, Sacramento	2
California, Riverside, U	1
Central State	1
CUNY, Lehman College	1
Clark Atlanta	3
Dayton, U of	1
Dillard	2
Fayetteville State University	1
Florida International University	3
Grambling State U	3
Hampton University	3
Instituto Technologica de Culiacan	1
Jackson State University	2
Kentucky State University	1
Lincoln U	1
Livingstone	1

Last School	# Appls.
Maryland, Eastern Shore	1
Miami, U of	2
Morgan State U	13
New Mexico Institute of Mining	2
Norfolk State U	9
Oakwood College	1
Paul Quinn	1
Polytechnic U of, Puerto Rico	1
Prarie View A&M	13
Puerto Rico, Humacao	3
San Diego State University	2
San Jose State U	1
Shaw U	1
Southern A&M U	5
Spelman	8
Tennessee State U	11
Texas A&M, Corpus Christi	1
Texas Southern U	2
Texas, San Antonio	1
Tougaloo	1
Universidad Metropolitana	4
Xavier University of Louisiana	1
TOTAL	130

Report of Independent Auditors

To the Board of Directors of the
National Consortium for Graduate Degrees
for Minorities in Engineering and Science, Inc.

In our opinion, the accompanying statements of financial position and the related statements of activities and changes in net assets and of cash flows present fairly, in all material respects, the financial position of the National Consortium for Graduate Degrees for Minorities in Engineering and Science, Inc. ("GEM") at June 30, 2005 and 2004, and the changes in its net assets and its cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of GEM's management; our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits of these statements in accordance with auditing standards generally accepted in the United States of America, which require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

PricewaterhouseCoopers LLP

August 26, 2005

STATEMENTS OF FINANCIAL POSITION

As of June 30, 2005 and 2004

	2005	2004
ASSETS		
CURRENT ASSETS:		
Cash and temporary cash investments	\$4,192,792	\$4,270,028
Membership fees and other receivables	412,500	111,000
Other current assets	798	632
Total current assets	<u>4,606,090</u>	<u>4,381,660</u>
Investments	1,572,876	1,346,639
Property and equipment, net	2,513	50,761
Total assets	<u>\$6,181,479</u>	<u>\$5,779,060</u>
LIABILITIES AND NET ASSETS		
CURRENT LIABILITIES		
Accounts payable	\$52,021	\$25,906
Unearned membership fees	4,000	2,000
Total liabilities	<u>\$56,021</u>	<u>27,906</u>
UNRESTRICTED NET ASSETS		
Undesignated	1,335,874	1,474,121
Board designated (Note 4)	3,216,708	2,930,394
Funds functioning as endowment	1,572,876	1,346,639
Total net assets	<u>6,125,458</u>	<u>5,751,154</u>
Total liabilities and net assets	<u>\$6,181,479</u>	<u>\$5,779,060</u>

The accompanying notes are an integral part of these financial statements.

STATEMENTS OF ACTIVITIES AND CHANGES IN NET ASSETS

For the Years Ended June 30, 2005 and 2004

	Unrestricted Undesignated		Unrestricted Designated/ Fellowships		Other Designated		Funds Functioning as Endowment		Total	
	2005	2004	2005	2004	2005	2004	2005	2004	2005	2004
REVENUE										
Contributions	\$ 2,372,824	\$ 1,932,355	—	—	—	—	\$ 18,063	\$ 25,086	\$ 2,390,887	\$ 1,957,441
Investment income	9,341	51,890	—	—	—	—	208,174	291,021	217,515	342,911
Membership fees	139,000	132,000	—	—	—	—	—	—	139,000	132,000
Other revenue	4,276	7,179	—	—	—	—	—	—	4,276	7,179
Total revenue	2,525,441	2,123,424					226,237	316,107	2,751,678	2,439,531
Awarded fellowships, net	(1,605,385)	(1,223,876)	1,605,385	1,223,876						
EXPENSES										
Fellowship expenses	—	—	1,326,409	1,776,169	—	—	—	—	1,326,409	1,776,169
Salaries and wages	515,301	514,508	—	—	—	—	—	—	515,301	514,508
Other benefits	109,358	114,875	—	—	15,937	21,938	—	—	125,295	136,813
Travel	86,590	108,161	—	—	—	—	—	—	86,590	108,161
Professional fees	30,649	22,383	—	—	43,767	—	—	—	74,416	22,383
Events/conferences	100,295	94,514	—	—	—	—	—	—	100,295	94,514
Advertising	24,519	16,423	—	—	—	10,568	—	—	24,519	26,991
Printing	23,510	24,955	—	—	—	—	—	—	23,510	24,955
Supplies	10,518	14,579	—	—	—	—	—	—	10,518	14,579
Utilities	16,139	19,627	—	—	—	—	—	—	16,139	19,627
Postage	11,561	12,236	—	—	—	—	—	—	11,561	12,236
Insurance	7,489	4,351	—	—	—	—	—	—	7,489	4,351
Duplication/copying	3,907	8,064	—	—	—	—	—	—	3,907	8,064
Depreciation	48,248	94,752	—	—	—	—	—	—	48,248	94,752
Miscellaneous	3,177	8,564	—	—	—	—	—	—	3,177	8,564
Total Expenses	991,261	1,057,992	1,326,409	1,776,169	59,704	32,506			2,377,374	2,866,667
Increase (decrease) in net assets	(71,205)	(158,444)	278,976	(552,293)	(59,704)	(32,506)	226,237	316,107	374,304	(427,136)
Net assets, beginning of year	1,474,121	1,744,205	2,313,193	2,753,846	617,201	649,707	1,346,639	1,030,532	5,751,154	6,178,290
Board designation of unrestricted net assets	(67,042)	(111,640)	67,042	111,640	—	—	—	—	—	—
Net assets, end of year	1,335,874	\$ 1,474,121	2,659,211	\$ 2,313,193	557,497	\$ 617,201	1,572,876	\$ 1,346,639	\$ 6,125,458	\$ 5,751,154

The accompanying notes are an integral part of these financial statements.

STATEMENTS OF CASH FLOWS

For the Years Ended June 30, 2005 and 2004

	2005	2004
Cash flows provided by operating activities		
Increase (decrease) in net assets	\$374,304	\$(427,136)
Adjustments to reconcile increase (decrease) in net assets to net cash provided (used) by operating activities		
Depreciation	48,248	94,752
(Increase) decrease in current assets		
Membership fees and other receivables	(301,500)	(94,000)
Other current assets	(166)	3,108
Increase (decrease) in current liabilities		
Accounts payable	26,115	(47,402)
Unearned membership fees	2,000	(1,000)
Net cash provided (used) by operating activities	<u>149,001</u>	<u>(471,678)</u>
Cash flows used in investing activities		
Designation as long-term investment	(226,237)	(346,639)
Fixed assets additions	—	(2,747)
Decrease in cash and temporary cash investments	<u>(77,236)</u>	<u>(821,064)</u>
Cash and temporary cash investments		
Beginning of year	<u>4,270,028</u>	<u>5,091,092</u>
End of year	<u>\$4,192,792</u>	<u>\$4,270,028</u>

The accompanying notes are an integral part of these financial statements.

1. Organization

The National Consortium for Graduate Degrees for Minorities in Engineering and Science, Inc. ("GEM") is a separately incorporated not-for-profit organization whose purpose is to provide aid and support to minority students pursuing graduate degrees in the field of engineering and science.

2. Summary of Significant Accounting Policies

The following is a summary of the accounting policies adopted by GEM which have a significant effect on the financial statements.

Basis of Presentation

The accompanying financial statements have been prepared on the accrual basis of accounting and in accordance with the reporting principles of not-for-profit accounting as defined by *Statement of Financial Accounting Standards* (SFAS) No. 117, "Financial Statements of Not-for-Profit Organizations." SFAS No. 117 establishes standards for general purpose external financial statements of not-for-profit organizations. SFAS No. 117 requires the classification of net assets as restricted or unrestricted on the basis of donor-imposed stipulations. GEM does not have any restricted net assets.

Cash and Temporary Cash Investments

Resources invested in money market funds and short-term investments with maturities at date of purchase of three months or less are classified as temporary cash investments.

Investments

Resources invested in the long-term investment fund of the University of Notre Dame du Lac (the "University") are classified as investments.

Accounts Receivable

Accounts receivable are included in other current assets and are recorded at their net realizable value.

Property and Equipment

Property and equipment are stated at cost less accumulated depreciation. Depreciation is computed using the straight-line method over the estimated useful lives of the assets.

Tax Status

GEM is a not-for-profit organization as described in Section 501(c)(3) of the Internal Revenue Code (the "Code") and is exempt from federal income taxes on related income pursuant to Section 501(a) of the Code.

Contributions

Contributions consist of GEM member sponsorships that are recognized as unrestricted revenues in the period such contributions are received.

Membership Fees

Membership fees, which are billed in advance, are recognized as revenue when earned. Unearned fees revenue represent membership fees billed for periods extending beyond June 30, 2005.

Awarded Fellowships, Net

As GEM fellowships are awarded, the amounts associated with each award are transferred to board designated net assets. These amounts are net of fellowship offers declined and amounts related to students who have withdrawn from a GEM fellowship program or who have graduated without expending the full designated amounts. Fellowship offers declined and unexpended student funds for the year ended June 30, 2005 aggregated \$515,000 and \$367,500, respectively.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

3. Property and Equipment

Property and equipment consisted of the following at June 30, 2005 and 2004:

	2005	2004
Fixtures and Equipment	\$80,324	\$98,704
Web Site	274,753	274,753
	355,077	373,457
Less: Accumulated depreciation	352,564	322,696
Total	\$2,513	\$50,761

4. Unrestricted Net Assets

Board designated unrestricted net assets consisted of the following at June 30, 2005 and 2004:

	2005	2004
GEM Fellowships		
M.S. Engineering Program	\$1,745,377	\$1,654,772
Ph.D. Engineering Program	580,500	443,037
Ph.D. Science Program	333,334	215,384
	2,659,211	2,313,193
Reserves for operations	540,306	600,010
Fellowship extensions	17,191	17,191
	557,497	617,201
Total	\$3,216,708	\$2,930,394

5. Program Information

GEM presently operates the following programs:

GEM M.S. Engineering Fellowship Program

The objective of the master’s program is to increase the pool of minority M.S. engineering graduates. Each participant is afforded a summer internship experience and a portable academic fellowship of tuition, fees and stipend. Fellows are supported for three semesters or four quarters.

GEM Ph.D. Engineering Fellowship Program

This program’s objective is to offer post-master’s fellowships to under represented minority students. Fellowships may be used at any participating GEM member university. Tuition, fees and, an academic year stipend are provided and the students are afforded a summer internship experience before the start of the first academic year under the program. Fellows may also be required to accept a research or teaching assistantship.

GEM Ph.D Science Fellowship Program

The goal of this program is to increase the number of minority students pursuing doctoral degrees in the natural, physical and life sciences (chemistry, physics, mathematics, computer science as well as the earth, biological, and pharmaceutical sciences). Fellowships are portable to any participating GEM member university, and include a stipend, tuition and fees, along with an opportunity for a summer internship experience before the start of the first academic year under the program. Fellows may be required to accept a research or teaching assistantship.

A GEM employer or university member pays a non-refundable annual membership fee of \$1,000 to belong to the GEM Consortium.

The membership fees and additional contributions are recorded as revenue for the purpose of funding GEM programs and extensions.

6. Related Parties

GEM is affiliated with the University. GEM’s financial activity is consolidated into the University’s annual financial statements. The audit of GEM’s federal grant awards is a component of the audit of the University’s OMB Circular A-133 audit.

GEM’s cash and temporary cash investments are included in a University cash account and are invested consistent with the University’s cash policies. The University allocates interest income to GEM balances on a monthly basis.

Certain administrative and occupancy expenses are provided by the University without charge to GEM.

7. Classification of Expenses

	2005	2004
Program activities	\$1,544,821	\$1,969,942
General and administrative	832,553	896,725
	\$2,377,374	\$2,866,667

8. Contributed Services (Unaudited)

GEM university members contribute services to GEM fellows in the form of tuition and fees. Those universities with students designated as GEM fellows are required to supplement GEM payments and fund the fellows at 100%.

Generally accepted accounting principles do not allow GEM to record as revenue and expenses the university contributions made directly to the GEM fellows. Therefore, these contributed services are not reflected in the Statement of Activities and Changes in Net Assets.

Contributed services from GEM university members totaled \$2,831,713 and \$3,253,604 in fiscal year 2005 and 2004, respectively.

MEMBER UNIVERSITIES

UNIVERSITY OF ALABAMA
ARIZONA STATE UNIVERSITY
UNIVERSITY OF ARIZONA
UNIVERSITY OF ARKANSAS
AUBURN UNIVERSITY
BOSTON UNIVERSITY
CALIFORNIA INSTITUTE OF TECHNOLOGY
UNIVERSITY OF CALIFORNIA, BERKELEY
UNIVERSITY OF CALIFORNIA, DAVIS
UNIVERSITY OF CALIFORNIA, LOS ANGELES
UNIVERSITY OF CALIFORNIA, SAN DIEGO
UNIVERSITY OF CALIFORNIA, SANTA BARBARA
CARNEGIE MELLON UNIVERSITY
CASE WESTERN RESERVE UNIVERSITY
UNIVERSITY OF CENTRAL FLORIDA
UNIVERSITY OF CINCINNATI
CITY COLLEGE OF NEW YORK
CLEMSON UNIVERSITY
UNIVERSITY OF COLORADO, BOULDER
COLORADO STATE UNIVERSITY
COLORADO SCHOOL OF MINES
COLUMBIA UNIVERSITY
CORNELL UNIVERSITY
UNIVERSITY OF DELAWARE
DREXEL UNIVERSITY
DUKE UNIVERSITY
FLORIDA A&M UNIVERSITY
FLORIDA STATE UNIVERSITY
UNIVERSITY OF FLORIDA
GEORGIA INSTITUTE OF TECHNOLOGY
HARVARD UNIVERSITY
UNIVERSITY OF HOUSTON
HOWARD UNIVERSITY
ILLINOIS INSTITUTE OF TECHNOLOGY
UNIVERSITY OF ILLINOIS, CHICAGO
UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN
IOWA STATE UNIVERSITY
UNIVERSITY OF IOWA
THE JOHNS HOPKINS UNIVERSITY
UNIVERSITY OF KANSAS
LOUISIANA STATE UNIVERSITY
UNIVERSITY OF MARYLAND, COLLEGE PARK
UNIVERSITY OF MARYLAND, BALTIMORE COUNTY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
UNIVERSITY OF MASSACHUSETTS
MICHIGAN STATE UNIVERSITY
MICHIGAN TECHNOLOGICAL UNIVERSITY
UNIVERSITY OF MICHIGAN
UNIVERSITY OF MINNESOTA
MISSISSIPPI STATE UNIVERSITY
UNIVERSITY OF MISSOURI, COLUMBIA
UNIVERSITY OF MISSOURI, KANSAS CITY
UNIVERSITY OF MISSOURI, ROLLA
UNIVERSITY OF NEBRASKA, LINCOLN
NEW JERSEY INSTITUTE OF TECHNOLOGY
NEW MEXICO STATE UNIVERSITY
UNIVERSITY OF NEW MEXICO
NORTH CAROLINA A&T STATE UNIVERSITY
NORTH CAROLINA STATE UNIVERSITY
UNIVERSITY OF NORTH CAROLINA, CHAPEL HILL
NORTHEASTERN UNIVERSITY
NORTHWESTERN UNIVERSITY
UNIVERSITY OF NOTRE DAME
OHIO STATE UNIVERSITY
UNIVERSITY OF OKLAHOMA
PENNSYLVANIA STATE UNIVERSITY
UNIVERSITY OF PENNSYLVANIA
UNIVERSITY OF PITTSBURGH
POLYTECHNIC UNIVERSITY
PRINCETON UNIVERSITY
UNIVERSITY OF PUERTO RICO, MAYAGUEZ
PURDUE UNIVERSITY
RENSSELAER POLYTECHNIC INSTITUTE
RICE UNIVERSITY
ROCHESTER INSTITUTE OF TECHNOLOGY
RUTGERS UNIVERSITY
UNIVERSITY OF SOUTH CAROLINA
UNIVERSITY OF SOUTH FLORIDA
UNIVERSITY OF SOUTHERN CALIFORNIA
STANFORD UNIVERSITY
SYRACUSE UNIVERSITY
UNIVERSITY OF TENNESSEE, KNOXVILLE
TEXAS A&M UNIVERSITY
UNIVERSITY OF TEXAS, AUSTIN
UNIVERSITY OF TEXAS, DALLAS
UNIVERSITY OF TEXAS, EL PASO
TUSKEGEE UNIVERSITY
VANDERBILT UNIVERSITY
UNIVERSITY OF VIRGINIA
VIRGINIA POLYTECHNIC INSTITUTE
UNIVERSITY OF WASHINGTON
WASHINGTON UNIVERSITY, ST. LOUIS
WORCESTER POLYTECHNIC INSTITUTE
YALE UNIVERSITY

MEMBER CORPORATIONS

3M COMPANY	LEXMARK INTERNATIONAL, INC.
ABBOTT LABORATORIES	LOS ALAMOS NATIONAL LABORATORY
AEROSPACE CORPORATION	MEDTRONIC, INC.
AIR PRODUCTS & CHEMICALS, INC.	MERCK AND COMPANY
APPLE COMPUTER, INC.	MICROSOFT CORPORATION
ARGONNE NATIONAL LABORATORY	THE MITRE CORPORATION
BAUSCH & LOMB	MOTOROLA, INC.
BAYER CORPORATION	OAK RIDGE NATIONAL LABORATORY, ENGINEERING SCIENCE AND TECHNOLOGY
BP AMERICA	PFIZER GLOBAL RESEARCH & DEVELOPMENT
BROOKHAVEN NATIONAL LABORATORY	PPG INDUSTRIES
CORNING, INC.	QUALCOMM, INC.
DELPHI AUTOMOTIVE	RAYTHEON COMPANY
DUPONT	ROHM & HAAS COMPANY
EASTMAN KODAK COMPANY	ROLLS ROYCE
EDUCATIONAL TESTING SERVICES	SANDIA NATIONAL LABORATORIES
EXXON MOBIL	SCHLUMBERGER OILFIELD SERVICES
FERMI NATIONAL ACCELERATOR LABORATORY	THE NATIONAL SCIENCE FOUNDATION'S SCIENCE AND TECHNOLOGY CENTERS (STCS)
FORD MOTOR COMPANY	SHELL OIL COMPANY
GENERAL MOTORS CORPORATION	SOUTHWEST RESEARCH INSTITUTE
HERMAN MILLER	SPRINT
HEWLETT-PACKARD COMPANY	STANFORD LINEAR ACCELERATOR CENTER
IBM CORPORATION	TEXAS INSTRUMENTS, INC.
INTEL CORPORATION	THE TIMKEN COMPANY
JHU/APPLIED PHYSICS LABORATORY	
JOHNSON & JOHNSON	

GEM Ph.D. ALUMNI

ENGINEERING

Acosta, Felipe
 Aguirre, Gerardo
 Amirpour, Mary Lee
 Amos, Delaina
 Auguste, Debra
 Baker, Michael
 Bartolomei, Sonia
 Belvin, Anthony
 Benson, Tyrone
 Bonilla, Griselda
 Botchwey, Edward
 Brown, Arik
 Brown, Cordelia
 Bryant, Rodney
 Burrell, Reeshemah
 Carter, Delano
 Clarke, Michael
 Coffin, Derrick
 Cogger, Robin
 Couvertier-Reyes, Isidoro
 Crumpton-Young, Lesia
 Cruz-Pol, Sandra
 Curet-Arana, Maria
 Curry, Kendrick
 Curry, Lisa Evans
 De Angel, Edwin
 Desroches, Reginald
 DeWitt, Ann
 Dingle Vaughn, Nicole
 Dixon, John
 Drayton, Rhonda
 Ducoste, Joel
 Echaux, Javier
 Essien Ebong, Eno
 Esterman, Marcos
 Ferre - Pikal, Eva
 Figueroa, Bruno
 Flores, Aaron
 Franklin Drayton, Rhonda
 Gladden-Green, Dannellia
 Glass, Charles
 Gonzalez, Roger
 Gordon, Ali
 Graham, Samuel
 Graves, Corey
 Green, LeMonte
 Gutierrez, Edgar
 Hampton, Robert
 Henderson, Rashaunda
 Hernandez, Arturo
 Higgs, Cecil
 Hudson, Candi
 Huggans, Marcus
 Irizarry-Gutierrez, Nelson
 James, Courtney
 Jaramillo, Thomas
 Jauregui, David
 Jenkins, Ingrid
 Jett, Quintus
 Johnson, Jesse
 Johnson, Michael
 Johnson, Michelle
 Kimble, Walter
 Lawson, Anthony
 Lewis, Henry
 Lindsey, Antonia
 Littlejohn, Felicia
 Lopez, James
 Mendoza, Jeffrey
 Merritt, Stanley
 Mitchell, Gregory
 Mohamed, Jama
 Montoya, Lupita
 Moore, Darnell
 Myrick, Sabrina
 Myrick, Wilbur
 Noble Deanes, Viveca
 Norte, Andrew

Northern, James
 Orama, Lionel
 Ortiz, Christine
 Owens, Camelia
 Padgett, Darryl
 Parker, Kimberley
 Pickett, Leon
 Poindexter (Bennett), Valerie
 Porche, Isaac
 Pyrtle, Frank
 Quintana, Donald
 Ramirez, Ainissa
 Ramsey, Alvin
 Rendon, Stanley
 Robertson, Michael
 Romero, Jonathan
 Saliceti-Piazza, Lorenzo
 Sanabria, Christopher
 Santos-Cordero, Jeannette
 Sarratt, Kendra
 Schulz, Brian
 Sellers, Cheryl
 Smith, Paul
 Solomon, Tesfu
 Curry, Kendrick
 Swain, Selden
 Taylor, Andre'
 Thomas Pryor, Seqwana
 Thomas, Donald
 Tiger, Andrew
 Torres-Lugo, Madeline
 Walker Williams, Shonda
 Walker, Stephen
 White, Maurice
 Wickliff, Tanya
 Will, Anthony
 Williams, Andrew
 Williams, Darryl
 Witmer, Ray
 Yarbrough Churn, Walthea
 Ziyad, Nigel

SCIENCE

Abrahante, Juan
 Acevado, Cristina
 Andrade, Genara
 Anguiano, Magdalena
 Bell, Patrice
 Boone, Edna
 Bowens, Andrea
 Bowie, Jason
 Bridges, Novella
 Brown, Jason
 Brown, Morry
 Buckley, Cedric
 Campbell, Elbert
 Carlo-Joglar, Tomas
 Carrero-Martinez, Franklin
 Carter, Kendra
 Catalan, Kemal
 Coles, Christian
 Collins, Sibrina
 Colorado, Armando
 Crawford, Mary
 Custodio, Angel
 Daniel, Sherrika
 Degraffenreid, Allison
 Dominguez, Delfina
 Edwards, Jesse
 Evans Buckner, Anissa
 Fabre, Taiya
 Fisher, Marc
 Fitzgerald, Danesha
 Flowers, Devin
 Fontaine Cavanaugh, Lorraine
 Fowler, Kimberly
 Foye, Ondulla
 Futrell, Montona

Gonzalez, Aidyl
 Greene, Shermalyn
 Gregory, Frederick
 Handberg, Eric
 Hanshaw, Nneka
 Harris, Dinari
 Hicks, Elijah
 Hill, Isiah
 Hill, Reginald
 Hinton Newson, Pamela
 Jackson, Delwin
 Jackson, Delwin
 Jacobs-Young, Chavonda
 Johnson, Casonya
 Jones, Denise
 Kanipes, Margaret
 Levermore, Dianne
 Lewis, Tracy
 Lopez, Ciro
 Lopez, Vanessa
 Mayol, Ana-Rita
 McAdory, Brenda
 McGiffert, Christine
 Mendez, Bryan
 Milton, Nathaniel
 Suleiman, David
 Morales, Carl
 Morales, Jesus
 Morgan, Rashida
 Morris, Gay
 Murphy McDaniel, Brooke
 Murray, Clarence
 Murray, Debra
 Ortega, Laura
 Paschall, Chiana
 Peek, Mary Elizabeth
 Price, Roosevelt
 Qualls, Marquita
 Quintana, Elisa
 Rabb, Savelas
 Reyes, Mayra
 Richards, Steven
 Rodriguez Spong, Barbara
 Rodriguez, Antonio
 Rodriguez-Waitkus, Paul
 Rogers, Sydana
 Rosario, Astrid
 Russell, Albert
 Scott, Bertina
 Scott, Robert
 Stancil, Kimani
 Stokes, Sheree
 Taboada, John
 Tavaréz-Brown, Maritza
 Terrell, Lamont
 Thompson, Rukeyser
 Torres, Eduardo
 Triggs, Veronica
 Tubbs, Christopher
 Wagaw, Seble
 Walker, Scotty
 Warner, Kirstin
 Whitehead, Christopher
 Williams, Daniel
 Williams, III, Clarence
 Williams, Quinton
 Willis, Douglas
 Woodard, Damon
 Wyatt, Victor
 Yarborough, Portia
 Zalapa, Juan

ALUMNI GIVING

The following individuals contributed \$1000 or more to GEM between July 1, 2004 and June 30, 2005.

Cathy Flores and Tony Tarango
 Anthony Jackson
 Gwendolyn Tobin
 Rob Wolf

The following individuals contributed \$200-\$999 to GEM between July 1, 2004 and June 30, 2005.

Anonymous (1)
 Anonymous (2)
 Anonymous (3)
 James Allen
 Gonzalo Amador
 Leroy Blakey, Jr
 Kimberly Blount
 Jennifer Adams Boutte
 Novella Bridges, Ph.D.
 Albino Castro, Ph.D.
 Christopher Clanton
 David Daniels
 Kevin Engram
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 Dennis Moya
 David Munoz, Ph.D.
 Norman Peralta
 Paul Potier
 Joseph Rascon
 Andrew Robinson
 Marco Rodriguez
 Martin Romero
 Aneshia Smith
 Damyon Thompson
 Marco Tillman
 Michael Walton
 Gregory Wilkins, Ph.D.
 Karolyn Young

The following individuals contributed \$1- \$199 to GEM between July 1, 2004 and June 30, 2005.

Anonymous (4)
 Anonymous (5)
 Anonymous (6)
 Anonymous (7)
 Anonymous (8)
 Anonymous (9)
 Anonymous (10)
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 Gerardo Aguirre, Ph.D.
 Roberto Alvarez
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 Nila Bhakuni
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 Evester Carter
 Odniel Carlo
 Rebecca Cortez, Ph.D.
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 John Gold
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 Williams Jenkins
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 Richard Latortue
 Jaquelle Leggett
 Samira Malik
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 Anu Meacham
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Increases the participation of American Indians, African Americans, Mexican Americans, Puerto Ricans, and other Hispanics at the master's and doctoral levels in engineering and science programs.

Provides fellowships, advanced degrees, resources, guidance, networks.

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