MEMORANDUM

Agenda Item 15(C)1

TO: Honorable Chairman Bruno A. Barreiro
and Members, Board of County Commissioners

DATE: October 7, 2008

FROM: Honorable Harvey Ruvin, Clerk
Circuit and County Courts

Kay Sullivan, Director
Clerk of the Board Division

SUBJECT: Appointment of Gustavo Roig to the Social and Economic Development Council of Miami-Dade County

It is recommended that the Board consider the appointment of Gustavo Roig to serve as a member of the Social and Economic Development Council (SEDC) for Miami-Dade County.

Miami Dade County Ordinance 02-120, adopted by the Board of County Commissioners on July 9, 2002, established the Council and the initial members of the Council. The Office of Community and Economic Development, Community and Economic Development Division, on behalf of the SEDC, has submitted the name of Gustavo Roig as an eligible nominee to fill the seat vacated by Juan Clark.

Mr. Roig's resume is attached for your review.

KMS:sm
Attachment

GUSTAVO ROIG
College of Engineering and Computing
Florida International University
University Park Campus, EC 2620
Miami, FL 33174
Phone: (305) 348 3700
Fax: (305) 348 6188
E-mail: Gustavo.Roig@fiu.edu

EDUCATION

Ph.D.	University of Florida, Gainesville, Florida, 1970
M.E.	University of Florida, Gainesville, Florida, 1967
B.S.E.E.	University of Puerto Rico, Mayagüez Campus, Puerto Rico, 1966

PRESENT POSITION

- Director, Center for Diversity in Engineering and Computing
- Tenured Professor, Department of Electrical and Computer Engineering.

PREVIOUS PROFESSIONAL ACTIVITIES

Universidad Simón Bolívar, Venezuela
College of Engineering
Tenured Associate Professor/Coordinator of Electronic Engineering - From 1975 to 1983

Polytechnic Institute of The Armed Forces of Venezuela
College of Engineering
Lecturer - From 1976 to 1983

Universidad de Puerto Rico, Mayagüez Campus
College of Engineering
Tenured Assistant Professor - From 1970 to 1975

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CLERK, CIRCUIT & COUNTY COURTS
DADE COUNTY, FLA.
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PRESENT FIELD OF RESEARCH

Human Potential Development

OVERVIEW OF CURRENTLY FUNDED RESEARCH PROGRAMS

Engaging Latino Communities for Education (ENLACE Miami / Children's Trust) Funded by the W.K. Kellogg Foundation and the Children's Trust amount $2,250,000.
ENLACE Miami strengthens the educational pipeline, so that more Hispanic youth will enter and complete college through sustainable partnerships among higher education institutions and local communities.
Principal Investigator
Funded by the W.K. Kellogg Foundation and the Children's Trust
Amount: $2,250,000
1999 - Present

GEAR UP Empowerment Zone a partnership with Dade County Public Schools, ASPIRA of Florida, eNFAMILIA, Non-Violence Project, Mujer, The Yaeger Foundation.
This is a six year program which serves Homestead Middle School, Leisure City Middle School, ASPIRA South Middle School and South Dade Senior High.
Funded by the U.S. Department of Education
Amount: $1,177,598.00/ per year.
2005 – Present.

Jets UNITE
In partnership with The Junior Engineering Technical Society funded by the U.S. Army.
Amount: $30,000.00
2005 - Present.

Florida/Georgia Louis Stoke Alliance for Minority Participation in Science, Engineering and Mathematics (FG/LSAMP)
The focus of the FG/LSAMP is to increase significantly the enrollment, retention rate, and graduation rate of those individuals from traditionally underrepresented groups majoring in undergraduate and graduate science, engineering, and mathematics disciplines (SEM).
Funded by NSF/FAMU
Amount: $1,950,000.00
Institutional Coordinator
1992 to present

Florida Action for Minorities in Engineering (FLAME)

The philosophy of the FLAME Program is to instill in students a desire for academic excellence. The program serves an Engineering Magnet Program that resides at Miami Coral Park Senior High School.
Principal Investigator
Funded by Dade County Public Schools
Amount: $720,00.00
1988 to Present

National Action Council for Minorities in Engineering (NACME)
This is a scholarship program for undergraduate students majoring in Engineering that are economically disadvantaged.
Funded by Nacme
Amount: $110,000.00
2002 – Present

Southeastern Consortium for Minorities in Engineering (SECME)
This program serves elementary, middle and high school students in a variety of competitions such as: egg drop, mousetrap car, bridge, brain bowl, etc. The College of Engineering at FIU is a co-sponsor of this activity in Miami-Dade County.
Sponsor
1996 to Present

Junior Engineering Technical Society (JETS)
The JETS's program provides high school students and teachers withacoordinated, integrated sequence of activities that encourage and support systemic change within the mathematics-science-technology arena. It emphasizes group activities, reasoning, problem solving and connections with the real world
University Representative
1989 to Present

HONORS, AWARDS AND SPECIAL RECOGNITION

A. Florida International University

Presidential Award - 2003

Certificate of Appreciation – Engineering Student Council - 2000

Research Award – 1999

Presidential Award Nominee – 1999

Recognition of Extraordinary Performance in Attracting Contract and Grant Resources to the University - 1998-1999

Access and Equity Award – 1998

Recognition of Extraordinary Performance in Attracting Contract and Grant Resources to the University – 1997-1998

Faculty Service Award – 1996-97

Recognition of Extraordinary Performance in Atracting Contract and Grant Resources to the University – 1996-1997

Community Service Award - Black Employees' Association – 1996

Affirmative Action and Equal Opportunity Award - 1991

Outstanding Dedication and Service - Alpha Omega Chi –1991

FIU Teaching Award - 1987

B. *Miami-Dade County Public Schools*

Certificate of Appreciation – Homestead Middle School - 2000

Exemplary Award Honorable Mention/Community Leader – Dade Partners Program – Miami-Dade County Public Schools 1998-99

Outstanding Contribution – Southeastern Consortium for Minorities in Engineering (SECME) – May 1999

Service Award - Miami Coral Park High School - 1998

Appreciation - Summer Youth Employment and Training Program Industry Focus: Engineering - Miami Coral Park High School - 1998

RAM Pride Award - Miami Coral Park High School - 1997

Miami Coral Park High School Goals and Accomplishments Award - 1997

Recognition/Southeastern Consortium for Minorities in Engineering (SECME) Program - 1996

Friends-Of-Dash Award - Design and Architecture Senior High School - 1996

P.T.S.A. Award/Miami Coral Park High School - 1994
Recognition/The Magnet Internship Program - 1994

Outstanding Support/Magnet Programs - 1993

Pioneer Award/Partners in Outreach Education - 1993

Outstanding Supporting of the Engineering Magnet Program - Miami Coral Park Senior High - 1993

MAGNET Schools. DCPS/Math/Science/Engineering Advisory Board – 1992
Outstanding Support/Magnet Programs - 1992

Internship Program/Magnet Programs - 1992

C. National Awards, Recognitions and Nominations

Reginald H. Jones Distinguished Service Award nominee - 2001

Certificate of Appreciation – Miami-Dade County, State of Florida - 2000

Certificate of Appreciation – Junior Engineering Technical Society – JETS/TEAMS Competition – 2000

Recognition for Support and Participation on the FGAMP '99 Planning Committee – Florida/Georgia-Luis Stokes Alliance for Minority Participation in Mathematics, Science and Engineering - 1999

Certificate of Appreciation - Junior Engineering Technical Society – JETS/TEAMS Competition - 1999

Recognition/Florida-Georgia Louis Stokes Alliance for Minority Participation in Mathematics, Science and Engineering (FGAMP) - 1998

Appreciation for Support of University Services Activities at NASA/John F. Kennedy Space Center - 1998

Certificate of Appreciation - Junior Engineering Technical Society – JETS/TEAMS Competition - 1997

Engineer of the Year 1995 Award - Association of Cuban Engineers - 1996

Nominated for Ida S. Baker Distinguished Minority Educator - 1996

Outstanding Service - The National Association of Minority Engineering Program Administrators - 1995

Appreciation for Reinforcing Students' Academic Skills that Emphasize Engineering, Technology, Mathematics, and Science - Junior Engineering Technical Society – 1994

Outstanding Contribution - Junior Engineering Technical Society – 1991

D. International Awards

Teamwork Award – Non-Violence Project of United States - 2000

Outstanding Supporting - Coalicion Costarricense de Iniciativas de Desarrollo - 1986 - San Jose, Costa Rica.

Students Teaching Award - Universidad Simon Bolivar - 1983 - Caracas, Venezuela

Students Teaching Award - Instituto Universitario de las Fuerzas Armadas Nacionales - 1983 - Maracay, Venezuela

Students Teaching Award - Instituto Universitario de las Fuerzas Armadas Nacionales - 1982 - Maracay, Venezuela

Teaching Award - Instituto Universitario de las Fuerzas Armadas Nacionales - 1981 - Maracay, Venezuela

Students Teaching Award - Instituto Universitario Politecnico de las Fuerzas Armadas Nacionales - 1981 - Maracay, Venezuela

Students Teaching Award - Universidad Simon Bolivar - 1980 - Caracas, Venezuela

Students Teaching Award - Instituto Universitario de las Fuerzas Armadas Nacionales - 1980 - Caracas, Venezuela

Students Teaching Award - Instituto Universitario Politecnico de las Fuerzas Armadas Nacionales - 1979 - Maracay, Venezuela

Outstanding Contribution - Universidad Simon Bolivar - 1979 - Caracas, Venezuela

Teaching Award - Universidad Simon Bolivar - 1978 - Caracas, Venezuela

SERVICES RENDERED

Panelist at the "University-Industry Research Partnerships Workshop" sponsor by University of California at San Diego and the San Diego Science and Technology Council. La Jolla, California. July 2001

Member of the peer review team for the Precollege Awards for Excellence in Mathematics, Science, Engineering, and Technology (PACE/MSET). Washington DC, September 2001

Speaker at the International Student Advisory Committee. Miami, July 2001.

Panelist at the USP Superintendent's Coalition/NSF workshop on Instructional Leadership. Miami, March 2001.

Member of the Peer Review Team for Northwestern Senior High School (Southern Association of Colleges and Schools, Secondary Commission) April 8-10, 2001

Member of the Committee on Equal Opportunities in Science an Engineering (CEOSE), National Science Foundation (NSF).
October 2000- September 2003

Member of the Board of Directors of the Magnet Educational Choice Association, Inc, Miami-Dade County Public Schools, Division of Schools of Choice. 2000-2001

Member of the Advisory Committee for Engineering, National Science Foundation (NSF)
September 2000 until present.

Panelist in the White House Strategy Session Improving Hispanic Student Achievement panel "Increasing the College Completion Rate"
June 14-15, 2000

Member of the Peer Review Team for Miami Carol City Senior High School (Southern Association of Colleges and Schools, Secondary Commission) March 20-21, 2000

Member of the Search & Screen Committee for the position of Dean of the College of Engineering. 2000

Advisory Committee Member of the District's Comprehensive Plan for Mathematics and Science
February, 2000 until present

Member of the Board of Directors of Junior Engineering Technical Society (JETS) – 2000-2001

Panelist in the Ninth Annual Reverend Dr. Martin Luther King Jr. Commemorative Week Panel "Connectiveness: Creating Opportunities, Creating Possibilities"
January 13, 2000

Judge at the Minority University-Space Interdisciplinary Network (MUSPIN) Tenth annual Users' Conference and Minority University Research and Education Division (MURED) Second Annual Education Conference. September 11-16, 2000

Member of University Undergraduate Council - 1999 – present

Member of the Center for Urban Education and Innovation Advisory Committee, College of Education, Florida International University.
From July 2000 to present

Member of the National Information Center on Hispanic Education (NICHE) Hispanic Association of College and Universities (HACU). Advisory Board. From 1999 to present

Member of Search & Screen Committee for the position of Dean of University Outreach and Continuing Education. 1999

Chairperson of the Search and Screen Committee of Chairperson of Mechanical Engineering Department – 1996

Florida Mexico Institute – Latin American and Caribbean Center (LACC) Coordinator for the College of Engineering - 1996 until present

Member of the Search and Screen Committee of Vice-President, Business and Planning - 1995

Member of the Peer Review Team for Miami Coral Park Senior High School (Southern Association of Colleges and Schools, Secondary Commission)
1995

Member of the Peer Review Team for Design and Architecture Senior High School (Southern Association of Colleges and Schools, Secondary Commission) 1994
Coordinator of Minority Affairs, College of Engineering, Florida International