DO NOT SUBMIT UNLESS REQUESTED

PHS 398 OTHER SUPPORT

Provide active support for all key personnel. **Other Support includes all financial resources, whether Federal, non-Federal, commercial or institutional, available in direct support of an individual's research endeavors, including but not limited to research grants, cooperative agreements, contracts, and/or institutional awards.** Training awards, prizes, or gifts do not need to be included.

There is no "form page" for other support. Information on other support should be provided in the *format* shown below, using continuation pages as necessary. ***Include the principal investigator's name at the top and number consecutively with the rest of the application.*** The sample below is intended to provide guidance regarding the type and extent of information requested. Refer to the specific instructions in Section I.
For information pertaining to the use of and policy for other support, see "Policy and Additional Guidance."

Format

NAME OF INDIVIDUAL
ACTIVE/PENDING

Project Number (Principal Investigator) Source Title of Project *(or Subproject)* The major goals of this project are…	Dates of Approved/Proposed Project Annual Direct Costs	Percent Effort

OVERLAP *(summarized for each individual)*

VELEZ-RIVERA

ACTIVE

NSF-0224743 (Irizarry) 10/01/02 - 09/30/04 50% Summer
NSF/ONR-EPNES 166,000
Intelligent Power Routers for Distributed Coordination in Electric Energy Processing Networks
The major goals of this project are to develop intelligent and modular power routing devices by attempting to import proven networking technology into the real of electric power systems.

NSF-**0306791** (Vélez-Rivera) 07/01/03 - 06/30/06 25% Summer
NSF-EIA 250,000
Multidisciplinary E-Government Research and Education as a Catalyst for Effective Information Technology Transfer to Regional Governments
The major goals of this project are to develop novel e-government systems and put them to the test in a real governmental setting at the small city government of Mayaguez Puerto Rico.

PENDING

NSF-**0347144** (Vélez-Rivera) 01/01/04 - 12/31/08 25% Summer
NSF-ACIR 250,000
CAREER: Research in Elastically Redundant Computing as a Catalyst for Seamless Hardware/Software Education
The major goals of this project are to develop elastically replicated distributed storage systems capable of sustaining a desired level of availability in the presence of changes to the topology of the storage system.

OVERLAP **None**

PHS 398 OTHER SUPPORT *(continued)*

SEGUEL

ACTIVE

NSF-**99-77071** (Rodríguez-Rodríguez) 01/07/99 – 30/06/04 25% Summer
NSF-PRECISE 1,499,256,000
A Program for Research in Computing and Information Sciences and Engineering
The major goal is to increase the critical mass in Computing and Information Sciences and Engineering (CISE) at the UPR system by adding a significant number of researchers, and increase significantly the number of masters and Ph.D.s' students in CISE.

PENDING **None**
OVERLAP **None**

RAMIREZ-VICK

ACTIVE

EEC-0343259 (Arocha) 9/1/2003 – 8/31/2004 50% Summer
NSF 03-562 $99,722
Bioengineering Research & Education (BReEd) Experiences at UPRM
The major goals of this project are to develop an elaborated plan to study the feasibility of establishing a new interdisciplinary curriculum track in Bioengineering, through a certificate, to enhance the current curriculum consisting of four traditional engineering programs.

PENDING

MBRS-SCORE (Ramírez-Vick) 4/01/2004 - 4/01/02007 25% Semester
NIH $138,567 100% Summer
Electro-Hydrodynamic Hybridization Optical Biochip
The major goal of this project is to develop a microfluidic chip for field-enhanced hybridization using hydrodynamic and electrodynamic forces, measuring the extent of hybridization using fluorescence from the labeled target molecules.

NSF 00-81 (Arocha) 12/01/2002 – 11/30/2004 0%
National Science Foundation $137,268
Acquisition of Materials Research Instruments to Improve Education and Research at UPRM
The major goals of this project are to acquire a set of three instruments for multiple users, which will support the diverse multidisciplinary research interests of faculty at the General Engineering Department and at the same time will enhance undergraduate and graduate education at UPRM.

OVERLAP: None