

Academic Affairs Committee
9:00 a.m.
Friday, March 22, 2013
Board of Supervisors' Meeting Room
2nd Floor, J.S. Clark Administration Building
Southern University and A & M College
Baton Rouge, LA

Agenda

1. Call to Order and Invocation
2. Roll Call
3. Adoption of the Agenda
4. Public Comments
5. Action Items
 - A. B.S. degree in Forensic Sciences, SUNO
 - B. Termination of Existing Academic Programs, SUSLA
 - 1.) Associate of Science in Event Management
 - 2.) Certificate of Technical Studies in Fire Management
6. Informational Item
 - A. Update on Act 419 Management Plan for Collaboration (DCC, SUNO and UNO)
7. Other Business
8. Adjournment

Members

Dr. Leon R. Tarver II – Chair; Mrs. Ann A. Smith - Vice Chair; Atty. Tony M. Clayton, Rev. Joe R. Gant, Jr.;
Mr. Willie E. Hendricks, Dr. Eamon M. Kelly, Mr. Mike A. Small, Rev. Samuel C. Tolbert, Jr.;
Atty. Bridget A. Dinvaux - Ex Officio



SOUTHERN UNIVERSITY AT NEW ORLEANS
University Curriculum Committee
 6801 Press Drive ♦ New Orleans, LA 70126
 (504) 286-5331

MEMORANDUM



To: Dr. David Adegboye
 Vice Chancellor for Academic Affairs

From: Frank Martin, Chair *Frank Martin*
 University Curriculum Committee

Date: March 5, 2013

Re: **Proposals approved by the University Curriculum Committee on March 5, 2013**

In meeting on March 5, 2013, the University Curriculum Committee approved the Natural Science proposal for a B. S. degree in Forensic Science. This is the proposal that will go first to the Southern University Board of Supervisors and then to the Louisiana Board of Regents for approval. The unanimous approval of the proposal included approval of the following ten new Forensic Science courses:

	Credit hours
• FRSC 201 Forensic Science Seminar	1
• FRSC 210 Introduction to Forensic Science	3
• FRSC 220 Introduction to Law	3
• FRSC 310 Expert Witness Testimony	3
• FRSC 320 Evidence Collection and Processing	3
• FRSC 410 Drugs and Toxicology	3
• FRSC 440 Professional Practice in Forensic Science	3
• FRSC 420 Forensic Science Internships	3
• FRSC 430 Forensic Microscopy	3
• FRSC 460 Senior Comprehensive	0

See Appendix I of degree proposal for the course descriptions

Approved: _____

David Adegboye 03-06-13
 Vice Chancellor for Academic Affairs

Approved: _____

Frank Martin 3/6/13
 Chancellor

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Signatures of Committee members present:

Dr. David Alijani


Dr. Deborah Darby

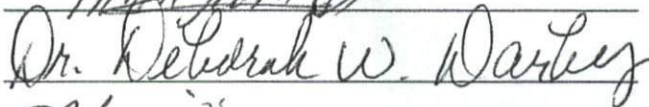
Dr. Romanus Ejiaga

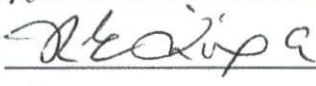
Dr. Frank Martin


Dr. Katherine Robinson

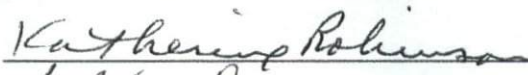
Ms. Gilda Davis

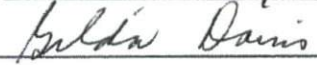












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University Curriculum Committee
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(504) 286-5331

Minutes of Curriculum Committee Meeting
March 5, 2013

Members present: Dr. Frank Martin, Dr. Deborah Darby, Ms. Gilda Davis, Dr. Romanus Ejiaga, Dr. Katherine Robinson

The meeting was called to order at approximately 3:30 p.m.

Dr. Mostafa Elasaar gave a general overview of the proposal for a B. S. degree in Forensic Science to be housed in the Department of Natural Sciences. Then Dr. Illya Tietzel gave a more detailed overview of the proposal. He pointed out that, in developing the proposal, the department reviewed forensic science programs at several universities, including the program at the Pennsylvania State University. Also the department was guided by the standards of the Forensic Science Education Programs Accreditation Commission (FEPAC) in crafting the curriculum for the program.

The Committee engaged in an extensive and amicable discussion of the proposal. One suggestion was to switch U. S. History and FRSC 210 in the course sequencing so that the higher level FRSC course was not taken before a lower level course, FRSC 201. The possibility of moving SOCL 210 to the senior year was discussed.

Dr. Deborah Darby moved that the Committee approved the proposal, including the new courses. Ms. Gilda Davis seconded the motion. Approval was unanimous.

The meeting was adjourned at 4:45 pm.



Southern University at New Orleans

6801 Press Drive
New Orleans, Louisiana 70126
Phone: (504) 286-5036

**Department of
Natural Sciences**

MEMO

To: Dr. Frank Martin - Chair
Curriculum Committee

From: Dr. Mostafa Elaasar – Chair
Department of Natural Sciences *M. E.*

Through: Dr. Henry Efeso Mokosso – Dean *H. E. Mokosso*
College of Arts & Sciences

Re: Forensic Science Program Proposal

Date: March 5, 2013

Dr. Martin, attached is the full proposal for the Forensic Science Program for your review and approval by the Curriculum Committee.

Thank you for your consideration of this new program.

B. S. in FORENSIC SCIENCE

A DEGREE PROGRAM PROPOSAL

Submitted by

THE DEPARTMENT OF NATURAL SCIENCES

COLLEGE OF ARTS & SCIENCES

SOUTHERN UNIVERSITY AT NEW ORLEANS

March 2013

LOUISIANA BOARD OF REGENTS
 REQUEST FOR AUTHORITY TO OFFER A NEW PROGRAM*
 SUBMIT 1 PRINTED COPY AND 1 ELECTRONIC VERSION (EMAIL or DISK)

Name of Institution Submitting Proposal Southern University at New Orleans

Specific Degree to be Awarded Upon Completion B. S. in Forensic Science

Recommended 2010 CIP Taxonomy 43.0106

Date to be Initiated Fall 2013

Name of Department or Academic Subdivision
 Responsible for Administering the Program
Dr. Henry Efeso-Mokosso
Professor and Dean
College of Arts & Sciences

Date Approved by Governing Board

Date Received by Louisiana Board of Regents _____

Academic Affairs Committee Review _____

Board Action (Nature of Action)* _____

Date of Board Action _____

*Prior to final action by the Board of Regents, no institution may initiate or publicize a new program

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a. Mayor Mitchell J. Landrieu	
b. Sheriff Marlin N. Gusman	
c. Michael Hecht - President & CEO, Greater New Orleans, Inc.	

1. Description

a. Titles degree/certificate level, description, and objectives of the proposed program

Bachelor of Science (B.S.) in Forensic Science, Department of Natural Sciences, Southern University at New Orleans, New Orleans, LA

The proposed Forensic Science program at Southern University at New Orleans (SUNO) is conceived as a unit within the Natural Sciences Department providing a laboratory science experience where theory and practice are combined to prepare students for working in a crime laboratory. The **objectives** of the Forensic Science program are to:

- Provide the student in-depth exposure to the laboratory sciences
- Provide the student a broad introduction to the use of science in solving crimes
- Provide hands-on experience to specific techniques used in crime labs
- Provide the student knowledge of the interplay of science and the law within the criminal justice system

b. List and describe the program curriculum (i.e., required courses), in sequence or term by term. Indicate new courses by an asterisk (*). Include any special requirements (internships, comprehensive examination, thesis, dissertation, etc.).

The curriculum consists of 39 credits of General Education, 4 credits of University Requirements, 60 credits of Forensic Science Core courses, and 17 additional credits in Forensic Chemistry, Forensic Biology, Physical Methods and Microscopy as required by the Forensic Science Education Programs Accreditation Commission (FEPAC), with which SUNO will seek accreditation. The semester by semester sequence of course offering is presented on page 5.

Curriculum in B.S. Forensic Science

FRESHMAN YEAR

Course	Hrs. Credit	Course	Hrs. Credit
ENGL 111 (English Composition I)	3	ENGL 112 (English Composition II)	3
BIOL 124 & 124L (General Biology I).....	4	BIOL 125 & 125L (General Biology II)	4
MATH 161 (Pre-Calculus)	3	MATH 162 (Trigonometry)	3
FIAR or MUSC 101	3	MGIS 164 (Intro. to Info. Processing).....	3
JRDV 111 (College Survival Skills).....	1	SOCL 210 (intro. To Sociology)	3
JRDV 111A (Freshman Assembly).....	0		
	----		----
	14		16

SOPHOMORE YEAR

ENGL 203 (Writing About Literature).....	3	FRSC 201* (Forensic Science Seminar)	1
CHEM 111 & 111L (General Chemistry I).....	4	CHEM 112 & 112L (General Chemistry II)	4
SUBA 215 (Introduction to Alcohol/Drug Abuse)	3	BIOL 217 & 217L (General Microbiology).....	4
MATH 250 (Elementary Statistics).....	3	MATH 290 (Calculus I)	4
HIST 201 or 220 (U. S. History)	3	FRSC 210* (Introduction to Forensic Science)	3
	----		----
	16		16

JUNIOR YEAR

BIOL 302 & 302L (Genetics)	4	CHEM 242 & 242L (Organic Chemistry II)	4
CHEM 241& 241L (Organic Chemistry I)	4	PHYS 222 & 222L (General Physics II)	4
PHYS 211 & 211L (General Physics I)	4	FRSC 310* (Witness Testimony).....	3
FRSC 220* (Introduction to Law)	3	FRSC 320* (Evidence Collection & Processing)	3
	---	BIOL 324L (Cell Biology)	1
	15		---
			15

SENIOR YEAR

BIOL 325 & 325L (Molecular Biology)	4	CHEM 351 & 351L (Quantitative Analysis)	5
FRSC 410* (Drugs and Toxicology)	3	FRSC 440* (Professional Practice in Forensic Science)	3
FRSC 430* (Forensic Microscopy)	3	CHEM 450 (Special Problems and Seminars)	4
FRSC 420* (Forensic Science Internship).....	3	PHIL 222 (Introduction to Ethics)	3
FRSC 460* (Senior Comprehensive)	0		
	----		----
	13		15

Total: 120 Credit Hours

***NOTE:**

All courses with the FRSC prefix are new. Course descriptions for the FRSC courses are presented in Appendix I. Courses already being offered at SUNO are listed in the 2012 - 2014 University catalog under the appropriate degree program.

The required 120 credits are broken down into four components as follows:

General Education Requirements (39 Cr)

<u>Component</u>	<u>Credit Hours (Cr)</u>
English Composition	6 (ENGL 111, 112)
Mathematics	6 (MATH 161, 162)
Natural Sciences	9 (BIOL 124, CHEM 111, 112)
Arts	3 (ART or Music 101)
Humanities	9 (HIST 210 or 220 + ENGL 203 + 3 Cr)
Social and Behavioral Sciences	6 (CRMJ 110 and SUBA 215 or PSYC 210, or SOCL 210)
Total	<u>39 Cr</u>

University Requirements (4 Cr)

Freshman Studies (JRDV111, JRDV111A)	1
Intro to Info Processing (MGIS 164)	<u>3</u>
Total	4 Cr

Forensic Science Core (60 Cr)

<u>Component</u>	<u>Credit Hours (Cr)</u>
Forensic Science Seminar	1 (FRSC 201)
Introduction to Forensic Science	3 (FRSC 210)
Introduction to Law	3 (FRSC 220)
Witness Testimony	3 (FRSC 310)
Evidence Collection & Processing	3 (FRSC 320)
Drugs & Toxicology	3 (FRSC 410)
Forensic Science Internships	3 (FRSC 420)
Professional Practice in Forensic Science	3 (FRSC 440)
General Physics I & II	8 (PHYS 211/211L, PHYS 222/222L)
General Chemistry Lab I & II	2 (CHEM 111L, CHEM 112L)
General Biology I Lab	1 (BIOL 124L)
Organic Chemistry I & II	8 (CHEM 241/241L, 242/242L)
General Biology II	4 (BIOL 125/125L)
General Microbiology	4 (BIOL 217/217L)
Genetics	4 (BIOL 302/302L)
Calculus I	4 (MATH 290)
Elementary Statistics	<u>3 (MATH 250)</u>
	60 Cr

The core includes Natural Science courses which are mandated by Forensic Science Education Programs Accreditation Commission (FEPAC).

Additional Courses

According to FEPAC, a minimum of 15 additional semester hours in course work are required in the following areas:

- Forensic Chemistry
- Forensic Biology
- Physical Methods
- Microscopy

To meet the requirement, additional 17 credit hours are proposed as follows:

Special Problems and Seminar	4	(CHEM 450)
Cell Biology Lab & Molecular Biology	1 4	(BIOL 324L) (BIOL 325/325L)
Quantitative Analysis	5	(CHEM 351/351L)
Forensic Microscopy	3	(FRSC 430)
Total	<u>17</u>	Cr

PROGRAM TOTAL

120 Credit Hours

The BS Forensic Science program would complement SUNO's successful BS in Criminal Justice program and make use of existing partnerships with local law enforcement agencies. At present, SUNO's BS Biology program produces approximately 20 to 25 graduates per year and the BS Criminal Justice program produces approximately 35 to 40 graduates yearly. The BS Physics and BS Chemistry programs were terminated in Spring 2006, but courses in these disciplines continue to be taught to science and non-science majors to meet graduation requirements.

c. Describe how the proposed program will be offered, e.g., traditionally, online, via interactive video, hybrid, etc. Discuss possibilities for a cooperative program cross-enrollment options, or other manners of sharing/extending resources and access.

The B.S. Forensic Science program will be offered in the traditional, land-based, mode. A few General Education courses such as ENGL 111, HIST 210 or 220, SOCL 210, FIAR 101, etc., are also offered as Online classes for interested students each semester. Several land-based sections are always available to choose from. All upper-level content area and Forensic Science Core courses in the curriculum will be offered at least biennially. If any required course is not available at SUNO in any semester then students may be allowed to cross enroll in equivalent courses on other campuses with prior approval of student's academic advisor and the department chairperson.

SUNO has established Articulation Agreements with Delgado Community College, Nunez Community College and the University of New Orleans. Such agreements with Delgado

and Nunez not only facilitate credit transfer but also allow students smooth access into STEM fields after their successful completion of Associate Degrees.

d. Furnish documentation of the approval of the proposed program by the institution's Governing Board.

This program was approved by the SUNO Curriculum Committee on March 05, 2013 and the Southern University Board of Supervisors on xxx, 2013. The proposal will be submitted directly to the Board of Regents by the Office of the Southern University System (SUS) following Board approval. The documents from the SUS office will confirm Governing Board approval. Documentation is provided in **Appendix II**.

2. Need

a. Describe how the proposed program fits within the institution's existing role, scope and mission.

The proposed program fits well within the institution's existing role, scope, and mission by providing access to a prestigious degree program that is highly relevant to the manpower needs of the Greater New Orleans metropolitan areas. The program will promote upward mobility of students by preparing them to enter into new as well as traditional careers, and equipping them to function optimally in the mainstream of American society. Goal one of the Strategic Plan is about access to higher education. This proposal supports that goal.

The proposed program is new to SUNO. The University has supported a very successful Criminal Justice program at both the bachelors and masters levels (BS and MA). These existing (Criminal Justice) degrees provide students a thorough knowledge of the criminal justice system and processes. The proposed Forensic Science degree is a science program focusing on preparing students to work in a crime lab. It is a laboratory science program. The proposed Forensic Science program is a logical extension of the Criminal Justice program and builds on its successes.

b. Has the proposed program, or a similar one, been offered at the institution previously? (If yes, give reasons for the termination of the earlier program.)

No.

c. List similar programs offered at other institutions (public and private) in Louisiana. If a graduate program is requested, indicate similar programs in neighboring states.

There are programs within the sciences with a Forensic Science concentration; however, there is no other BS Forensic Science in southeastern Louisiana. This proposed program is not a graduate program.

University of New Orleans	BS Chemistry - Forensic Science concentration
Southeastern University	BS Chemistry - Forensic Science concentration
Nicholls State University	No degree or certificate involving Forensic Science
Loyola University -New Orleans	BS Forensic Chemistry

Tulane University	No degree or certificate involving Forensic Science
Xavier University of Louisiana	No degree or certificate involving Forensic Science

d. If similar programs exist in Louisiana, why is an additional program needed? Indicate manpower needs, including interest on the part of industry, academia, governmental agencies, or other institutions

SUNO serves a unique population of students, mainly African- Americans and other minority groups, who need comprehensive STEM programs to enter various disciplines that are relevant to the manpower needs of the State of Louisiana. Such programs are gateways to numerous areas of skilled labor and are relevant to every state institution of higher learning. There are a wide variety of employment opportunities for forensic scientists in both the public and private sectors locally in the City of New Orleans, state-wide, and nation-wide, as elaborated below.

The Scientific Criminal Investigation Division of the City of New Orleans is in need of employees to rebuild and staff the pre-Katrina DNA unit (www.nola.gov/GOVERNMENT/NOPD/Scientific%20Criminal%20Investigation%20Division/). The New Orleans Coroner's Office reported need of support personnel and infrastructure ([Laura Maggi. Appalling conditions at New Orleans coroner's office reveal a crude, understaffed operation. NOLA.com/ The Times Picayune. May 22, 2011](http://www.nola.com/life/understaffed-operation-nola-com/the-times-picayune-may-22-2011)). Furthermore, the New Orleans field office of the FBI Evidence Response Teams needs new team members with forensic specialty who will take photographs, diagram and survey scenes, gather fingerprints, analyze blood stains and splatters, determine bullet trajectories, recover DNA (<http://www.fbi.gov/neworleans/about-us/our-people-and-capabilities/people>). The B.S. program of Forensic Sciences can provide required qualified workforce. Additionally diagnostic laboratories at the Universities (LSU HSC, Tulane University and UNO), hospitals and private practice that use DNA technologies or molecular biology would employ our graduates

The state-wide growth rate for forensic science technicians in Louisiana is 28%, exceeding the national average and indicating a strong need in Louisiana for B.S. Forensic Science graduates

<http://www.careerinfonet.org/oview1.asp?next=oview1&level=Overall&optstatus=&id=1&nodeid=3&soccode=&stfips=22&jobfam=&group=1&showall=>). Forensic Science Technicians in Louisiana is ranked among the Top 50 Fastest growing occupations (Rank 17). The State police is also in need of Forensic Science graduates due to the backlog in DNA based cases. According to public information of the National Institute of Justice (www.nij.gov ; file name: dna-backlog-reduction-abstracts-fy11.pdf) an award in the amount of \$ 1,793,272 to address the DNA processing backlog has been made. New laws, resolutions and law suits changed law enforcement practices from fingerprinting and photo identification in the state of Louisiana, to additional DNA sampling and analysis for the Combined DNA Index System (CODIS) for arrestees and pre-trial detainees (Supreme Court of Louisiana No. 11-KK-1909 State of Louisiana v. Charles Franklin; L.A. R.S.15:609(A)(1); L.a.R.S.15:609; United States vs. Mitchell, 652 F.3d 387, 410 (3rd. Cir. 2011). This new routine practice to take and process DNA from (any) arrestee and pre-trial detainee will strongly increase the need for qualified Forensic Science graduates in the State of Louisiana. The B.S. Forensic Science program will provide qualified workforce to respond to the needs of the State of Louisiana. It has been reported that employment

opportunities for forensic science graduates exist in the 7 accredited laboratories listed by the American Society of Crime Laboratory Directors, Laboratory Accreditation Board in the State of Louisiana (<http://www.asclcd-lab.org/labstatus/accreditedlabs.html#la>): (a) Jefferson Parish Sheriff's Office Regional DNA Laboratory, Harahan, LA; (b) Louisiana State Police Crime Laboratory, Baton Rouge, LA; (c) North Louisiana Criminalistics Laboratory Alexandria Satellite Laboratory, Alexandria, LA; (d) North Louisiana Criminalistics Laboratory Shreveport Headquarters Laboratory, Shreveport, LA; (e) North Louisiana Criminalistics Laboratory West Monroe Satellite Laboratory, West Monroe, LA; (f) Southwest Louisiana Criminalistics Laboratory, Lake Charles, LA; (g) St. Tammany Parish Coroner's Office, Lacombe, LA. Additionally research and diagnostic laboratories at Universities, hospitals and private practice that use DNA technologies are in need of graduates in the field.

The national growth rate of 19% for forensic science technicians creates a national need for a workforce with a B.S. in Forensic Sciences (Bureau of Labor Statistics; <http://www.bls.gov/ooh/life-physical-and-social-science/forensic-science-technicians.htm>). The accredited 193 state laboratories, 132 local agency laboratories, and 31 federal laboratories are in need of properly trained workforce (American Society of Crime Laboratory Directors; <http://www.asclcd-lab.org/labstatus/accreditedlabs.html>). The reported backlog of 1.2 million requests for forensic services indicates a need for B.S. Forensic Science graduates. The B.S. Forensic Science program will provide qualified workforce to respond to the national needs.

Lastly, this proposed program provides an opportunity for the University - an HBCU - to impact a population seriously under-represented in the sciences. Actual statistics on African-American employment in forensic sciences, specifically, have proven elusive; however, as a data point, African-American membership in the American Chemical Society (ACS), with over 160,000 members, is only about 2% - clearly showing under-representation.

e. If a graduate program is requested, indicate:

i. State, regional, and national need in the field for more graduates. Cite any pertinent studies or national and state trends.

N/A

ii. Are there possibilities for cooperative programs?

Yes.

Since the Chemistry program was eliminated in January 2006, SUNO currently keeps two faculty to teach all chemistry classes. The B.S. Forensic Science curriculum has additional Chemistry classes that will require additional faculty. As requested by the Board of Regents in the approval document of the Letter of Intent, SUNO is working out a collaborative agreement with the University of New Orleans (UNO) for faculty support to teach some Chemistry courses. SUNO and UNO faculty are in the process of finalizing an MOU to that effect. UNO faculty could either serve as Adjunct at SUNO, or SUNO students may cross-enroll in appropriate UNO Chemistry classes under an existing Cross-Enrollment agreement. This is expected to run smoothly and would be a cost-saving venture.

f. If this program is approved, will its approval result in the termination or phasing out of existing programs? That is, could this program be considered a replacement program?

No. The B.S. Forensic Science program is NOT a replacement program. It is a totally new initiative at SUNO. The proposed program actually complements the existing BS Biology degree program. First, facilities and instrumentation will be added to the present inventory. In addition, many of the laboratory techniques taught for forensic science application can also be used in the "traditional" biology program thus enhancing those laboratory experiences.

g. Describe how the proposed program will further the mission of the institution and support initiatives identified in the Board of Regents' Master Plan for Public Postsecondary Education in Louisiana: 2011.

The proposed program will enhance the quality of STEM education at SUNO by providing broader educational and more scholarship opportunities for students; provide opportunities for students and faculty to be exposed to cutting-edge research at the local, regional, and national scientific meetings/conferences. These outcomes align with the overall goals and objectives of Board of Regents' Master Plan for Public Postsecondary Education in Louisiana: 2011 (Goal 1: Objectives 1.3, 1.4, 1.6, and 1.7; Goal 2: Objective 2.2; and Goal 3: Objectives 3.1 and 3.5) and increases the variety of undergraduate programs in sciences as proposed under guideline 6.C for role/scope admission of regional universities.

3. Students

a. Project the enrollment and estimate the number of graduates expected for the proposed program for the first five years by level of student and with a justification for the projections.

Based on career option discussions we have through various campus activities, we note that a BS Forensic Science option at SUNO will be highly welcomed by students. The Biology program has a well-developed DNA laboratory, and several mentored students are looking for alternate professional degrees that will enhance their employment chances. The Chemistry unit continues to offer basic chemistry courses that are highly relevant to forensic science (analytical and organic). Many SUNO science majors see a Forensic Science option as highly attractive, since gaining admission into professional schools such as medical and pharmacy programs have posed challenges for some of them. Currently, there are approximately 400 declared majors in Biology, and many of these students would definitely switch over to Forensic Science. The ultra-modern new science complex planned for SUNO has a unit earmarked for Forensic Science. The complex is expected to be available by 2015 or 2016.

The following enrollment and completers projections are made for the first five years of the program:

	Year 1	Year 2	Year 3	Year 4	Year 5
Enrollment	10	20	30	40	50
Completers*	--	--	6	10	15

**From experience, whenever an attractive new program is established, several students who have completed or are nearly completion of the 39 credit hours required in General Education switch majors and enroll in the new program. As such, completers are expected in the B.S. Forensic Science program as early as the end of Year 3 of program take off.*

b. Indicate the source of students from existing programs or students who might not otherwise be attracted to the institution.

This program is expected to succeed, compared to the current available degree programs in sciences, due in part to interest in forensic science as a career. Almost immediately upon approval some students in the Biology program can be expected to transfer into Forensic Science. (Biology, presently the University's only laboratory-science degree program, graduated 95 students within the past four years.) In the longer term students will be drawn from the Greater New Orleans area since SUNO's program will be a full-fledged four-year program focused on forensic science. Also noteworthy, this program provides a program of study for students interested in the chemical sciences and will be attractive to students who would have wished to enroll in B.S. Chemistry at SUNO.

It will provide an opportunity to students to have a broader curriculum based on the interdisciplinary nature of the program vis-a-vis graduates in other STEM fields. Students will be vigorously recruited with the assistance of other University offices. We expect to apply for student support programs at the National Science Foundation, National Institutes of Health, the US Departments of Education and Justice, and other agencies or organizations.

c. What preparation will be necessary for student to enter the program?

To be successful in the Forensic Science program students must come to the University with

- a TOPS (college-preparatory) high school diploma;
- meet all entrance requirements for admission into SUNO;
- a sincere interest in science and mathematics; and
- be able to pass a drug-screening test and a background check, as high level professionalism is expected of the graduates.

d. Provide enrollment data for closely related programs currently offered at the institution. If the proposed program is an expansion of an existing program, give the past four years' enrollments in existing programs by level, and number of degrees granted:

The only other laboratory-science program at SUNO is the B.S. Biology. At present there are an estimated 350 declared majors. Over the last 4 years, 95 students

have received biology degrees. Both enrollment and graduation trends are increasing.

Year	Enrollment	Graduates
2008-2009	265	18
2009-2010	335	21
2010-2011	386	28
2011-2012		28

e. If a graduate program is requested, indicate sources of financial support for students.

N/A

4. Faculty

a. List the present faculty members who will be most directly involved in the proposed program. Indicate for each faculty member: name; date of appointment; present rank; degrees (by field) and the institutions granting them; present credits, contact hours, and student credit hours produced; and other assignments.

The list below summarizes the profile of faculty who will teach courses in the program or play significant supervisory role in ensuring academic quality and attainment of accreditation.

The following faculty will contribute to teaching in the B.S. Forensic Science Program:

Name	Date of Appt.	Rank	Degree	Degree Granting Institution	Credit/Contact Hrs	SCH
BIOLOGY:						
David S. Adegboye	1999	Professor	PhD	U. of Cambridge, UK	0/0*	0
Solomon S. Adekunle	2007	Assoc. Prof.	PhD	Boston University	11/13	282
Bashir M. Rezk Atteia	2011	Asst. Prof.	PhD	Maastricht U., Netherlands	15/16	452
Ibrahim Ekaidi	2007	Assoc. Prof.	MD	Craiova U., Romania	9/12	322
Murty S. Kambhampati	1994	Professor	PhD	Jackson State U. Andhra U., India	10/13	223
Lisa Mims-Devezin	1993	Professor	PhD	Southern Baton Rouge	10/8	284
Tonye E. Numbere	2010	Asst. Prof.	PhD	Kansas State U.	11/15	372
Joseph O. Olubadewo	2007	Assoc. Prof.	PhD	Vanderbilt University	15/15	188
Quincy A. Quick	2011	Asst. Prof.	PhD	Virginia State University	15/18	406
Illya Tietzel	2008	Assoc. Prof.	PhD	Johannes Gutenberg U., Mainz, Germany	16//17	422
Yolander R. Youngblood	2011	Asst. Prof.	PhD	University of Florida	12/16	500
CHEMISTRY						
Alvin Bopp	1996	Professor	PhD	Univ. of New Orleans	12/15	438
Carl P. Johnson	1996	Professor	PhD	University of Alabama	8/12	282
CRIMINAL JUSTICE						
Darren Gil	2013	Asst. Prof.	ABD	U. Southern Miss	12/12	243

*Vice Chancellor for Academic Affairs and Accreditation Liaison - ensures maintenance of academic quality required for accreditation.

The resumes of faculty listed are provided in Appendix III on page 28.

b. Calculate the present student-faculty ratio in the subject matter field or department in which the proposed program will be offered. The basis for this calculation should be full-time equivalent students and faculty and should be computed based on all students taught rather than the student majors or other related groupings.

Using the standard student-faculty ratio computation protocol that takes into consideration the full-time equivalent students and faculty, the student-faculty ratio for the Department of Natural Sciences is 20:1.

c. Project the number of new faculty members needed to initiate the proposed program for each of the first five years. If the proposed program will be absorbed in whole or part by present faculty, explain how this will be done.

Faculty - Two additional new faculty in chemistry will be needed for the program to operate in the long run - one is needed to initiate the program and a second faculty member in year 2. One additional faculty member will be needed to teach the Forensic Science core. The Biology component is adequately staffed, at present. A collaborative agreement between SUNO-UNO for Chemistry teaching support is underway.

Program Director - In addition to faculty the program will need to hire a Program Director. The Program Director will have limited teaching duties but be responsible for program management as well as recruiting and developing collaborations with the law enforcement community.

	Year 1	Year 2	Year 3	Year 4	Year 5
Biology	--	--	--	--	--
Chemistry	1	1	--	--	--
Forensic Science	1	--	--	--	--
Program Director	1	--	--	--	--

d. Explain if recruiting new faculty members will require an unusual outlay of funds or unique techniques. For example, will a special chair of instruction be required to attract a nationally recognized person?

No special chair or start-up package should be required for new faculty as laboratories supporting the program will be well-equipped.

e. Describe involvement of faculty, present and projected, in research, extension and other activities and the relationship of these activities to the teaching load.

Involvement of faculty in undergraduate research plays a pivotal role in nurturing, mentoring, and molding students to enable them to achieve their fullest of their potential. Approximately 50% of the Natural Science faculty are actively involved in research despite heavy teaching loads. Plans are being developed to secure release time for interested faculty to be active researchers, to secure external funding (involving students), present research results at local, regional, and/or national conferences, and to publish these findings in peer reviewed scientific journals.

As with any University faculty member, the Forensic Science faculty would be expected to be active in scholarly work and/or community outreach/service. Numerous funding agencies, such as the Department of Justice, target uniquely forensic science topics. Likewise, a critical measure of success is placement in internships and jobs. While not technically "research," considerable effort will also be devoted to developing collaborations with law enforcement agencies.

f. If a graduate program is requested, indicate:

i. For present faculty, areas of specialized competence related to the new program. (List publications and their nature as well as direction of theses and dissertations.)

N/A

ii. For proposed new faculty, qualifications and/or strengths needed.

N/A

5. Library and Other Special Resources

a. Are present library holdings in related fields adequate to initiate the proposed program?

Yes. Based upon a search of the library subject index on March 4, 2013 the library holdings are:

subject "chemistry" search found 277 titles

subject "biology" search found 406 titles.

subject "criminal justice" search found 345 titles.

subject "toxicology" search found 206 titles.

subject "criminal procedure" search found 186 titles.

We find this to be an adequate amount of resources to initiate this program. In addition to the library catalog the library subscribes to several online databases to which several thousand journals are available to these students. See below for an excerpt from our more popular databases.

- Academic Search Complete

Academic Search Complete is the world's most valuable and comprehensive scholarly, multi-disciplinary full-text database, with more than 8,500 full-text periodicals, including more than 7,300 peer-reviewed journals. In addition to full text, this database offers indexing and abstracts for more than 12,500 journals and a total of more than 13,200 publications including monographs, reports, conference proceedings, etc. The database features PDF content going back as far as 1887, with the majority of full text titles in native (searchable) PDF format. Searchable cited references are provided for more than 1,400 journals.

- Criminal Justice Abstracts with Full Text

Criminal Justice Abstracts with Full Text[™] contains more than 200,000 records selected from the most important sources within the discipline. Subject areas covered include: criminology; criminal justice; criminal law and procedure; corrections and prisons; police and policing; criminal investigation; forensic sciences and investigation; history of crime; substance abuse and addiction; probation and parole.

- Science & Technology Collection

The *Science & Technology Collection* contains over 830 leading full text journals covering relevant aspects of the scientific and technical community. Topics include aeronautics, astrophysics, chemistry, computer technology, geology, aviation, physics, archaeology, and materials science. In addition to the full text, this database offers indexing and abstracts for more than 1,740 publications.

- CQ Reseacher

Coverage of health, social trends, criminal justice, international affairs, education, the environment, technology, and the economy. Reports are published weekly in print and online 44 times a year.

b. Will the library holdings need to be expanded and improved to meet program needs of the program in the first five years? If so, what types will be needed: books, periodicals, reference books, primary source materials, etc.?

Yes.

The library will expand its collection based upon the input of the faculty to ensure that students have access to the most current resources in this area. It is our expectation that we will compare our holdings with that of other libraries offering a similar degree within the US to determine the degree of expansion required. At present, our holdings are similar to that of other institutions with in Louisiana.

c. Do other institutions have library resources being used or available to faculty and students for the proposed program?

Yes.

The Leonard S. Washington Memorial Library at SUNO participates in the Louisiana Library Network. Students and faculty at SUNO enjoy access to all libraries that are part of the partnership. Currently there are more than 40 university libraries participating in the LOUIS network. As a participant students and faculty may

check out books from other libraries request journal articles and use research facilities based upon the lending institution rules and regulations.

d. Indicate or estimate total expenditure for the last two completed fiscal years in library acquisitions for the subject matter fields or departments in which the proposed program will be offered, or which are related to it.

The library has spent approximately \$25,000.00 each year during the past two years on books and other resources for the subject areas applied herein. It is estimated that the library will continue to spend the same amount of funding going forward with the exception of next year. Next year the library will access funds set aside by FEMA to purchase items destroyed in Hurricane Katrina. The Natural Science Department will have approximately \$95,000.00 to purchase items that will be included in the library. The Criminal Justice Department will have approximately \$50,000.00 to purchase library items.

e. Project library expenditures needed for the first five years of the proposed program.

5-Year Projected Expenditures (\$K)

The amounts in the table below are an illustration. An actual break down of cost will vary in the Books, Periodicals and Database column due to the fact the Books and Periodicals are available through databases.

	Year 1	Year 2	Year 3	Year 4	Year 5
Books	5	45	5	5	5
Periodicals	10	25	10	10	10
Electronic media	5	20	5	5	5
Database subscriptions	5	40	5	5	5
Other (itemized below)		15			
TOTAL	25	145	25	25	25

f. What additional special resources, other than library holdings, will be needed?

The library will invest in equipment that students may be able to check out to complete special assignments such as laptops, ipads or other mobile devices. At this time we do not foresee the need for additional resources beyond those mentioned above.

g. If a graduate program is requested, indicate:

i. Special library resources needed to offer a program of quality.

N/A

ii. How do library resources deemed desirable compare to other institutions with similar programs that are high quality? Cite specific comparisons of other institutions.

N/A

6. Facilities and Equipment

a. Describe existing facilities (classrooms, laboratories, offices, etc.) available for the proposed program.

The Biology unit is located on the 3rd floor of the New Science Building on the Park Campus, occupying approximately 15,000 sq. footage of space. The Biology program has a total of 11 full-time faculty, nine faculty are on 9-month teaching contracts and teach a minimum of 12 contact hours per semester. They have offices in the New Science Building (NSC) on Park Campus. In addition, there are four class rooms, five teaching laboratories, two research labs and a conference room. There is also a computer laboratory and storage space.

The two remaining Biology faculty members presently serve in senior administrative positions -one as Vice Chancellor for Academic Affairs and the other as the Associate Dean, College of Arts and Sciences. Both are accommodated in different buildings.

Currently the Department of Natural Sciences has two chemistry faculty. Their offices are located on the 3rd floor of the Old Science Building/Brown Building also on the Park campus with approximately 6,000 sq. footage space. Chemistry has two classrooms, four laboratories and chemical and non-chemical storage facilities.

An ultramodern complex that will house the Biology, Chemistry, Mathematics , Physics and the Forensic Science programs is expected to be available by January 2016. If the program starts, as expected in Fall 2013, the existing facility is quite adequate to cater to forensic science students as they will be offering mainly General Education courses for the first three semesters.

The Biology and Chemistry laboratories are well equipped. All teaching and research equipment were purchased post-Katrina hurricane using FEMA recovery funds and NSF and Board of Regents enhancement grant funds. The sum of \$400,000 from Title III carryover funds is approved specifically for equipment and supplies for the forensic science program. Purchase of equipment for certain forensic science core courses will commence as soon as this proposal is approved.

b. Describe present utilization of these facilities where facilities are assigned to the department.

We are using all the office spaces, class rooms, and laboratories for teaching and research activities to the maximum. While the two existing science buildings were returned to service by about 2008, occupancy is limited to the 2nd and 3rd floors. With SUNO's current enrollment is > 90% of its pre-Katrina tally, without 1st floor space, classrooms and laboratories are heavily utilized at approximately 90%. It is to be noted, however, that projected total enrollment during the first two years is 20 and the students would be offering General Education courses, sharing classrooms and labs with other students. The ultra-modern facility is expected to be available just in time.

c. Indicate the need for new facilities, such as special buildings, laboratories, minor construction, remodeling, and fixed equipment. If special facilities and equipment will be needed, estimate cost and indicate proposed sources for financing.

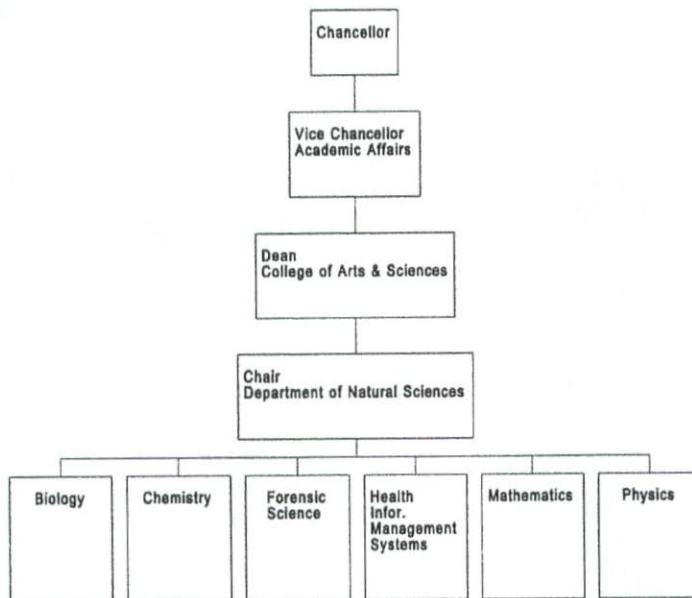
Post-Katrina (federal) funds are committed for the ultra-modern science complex referred to earlier in Section 6a. The project is progressing and will be released for architectural design this spring (2013). All science laboratories, including Forensic Science, are to be included in this facility. The \$400,000 allocated specifically for forensic science is sufficient to purchase the special equipment needed for the program for at least the first two years.

7. Administration

a. In what department, division, school, college, or other designation will the proposed program be administered? Explain if the program is interdisciplinary and/or inter-departmental.

The proposed program will be administered from the Department of Natural Sciences in the College of Arts and Sciences. The science/math content courses will be taught by Natural Science faculty and the Forensic Science core will be taught by the new Forensic Science hire. This individual will be housed in the Natural Sciences complex. The program is interdisciplinary, utilizing faculty in Biology, Chemistry, Physics, Mathematics and Criminal Justice to teach various core courses.

The organization chart for the program administration is shown below.



Organization Chart including Forensic Science

b. Indicate if the proposed program will affect the present administrative structure of the institution.

No. It will not.

c. Describe any special departmental strengths and/or weaknesses and how the proposed program will affect them.

The Biology program has a strong faculty base with expertise in all Biology-related courses including General Biology, Microbiology, Genetics, Cell Biology, Environmental Biology, Molecular Biology, etc. The Chemistry unit has only two faculty, which is a weakness. However, some of the Biology faculty have the credentials to teach chemistry classes. Furthermore, SUNO is collaborating with UNO for teaching support in Chemistry.

The proposed program will build on the strength of the existing Criminal Justice program. Although not in Natural Sciences, Criminal Justice faculty and staff have knowledge of the law enforcement community in New Orleans. This is expected to assist students in locating internship sites and in job placement eventually.

8. Accreditation

a. Is the program eligible to be accredited? If so, give the name(s) of the accrediting agency(ies), requirements for accreditation, and how the criteria will be achieved.

Yes, the proposed program can be accredited by the Forensic Science Education Programs Accreditation Commission (FEPAC) of the American Academy of Forensic Science (AAFS). SUNO will seek accreditation with this body. The requirements for

accreditation are detailed in the document titled "*Forensic Science Education Programs Accreditation Commission Standards*" accessible at:

<http://fepac-edu.org/sites/default/files/FEPAC%20Standards%2011092012.pdf>

b. Delineate the initial costs of accreditation and subsequent annual cost.

SUNO has a component of Title III referred to as Accreditation and Periodic Program Review. Annually, approximately \$200,000 is available through this component to support accreditation. All the five programs that carry mandatory accreditation requirements are currently accredited, all achieved post-Katrina hurricane.

c. If a doctoral program is requested, describe the use of consultants in developing the proposed program and include a copy of their report as an appendix to the proposal. The use of consultants to assist in the development of such proposal is highly recommended, if not imperative.

N/A

9. Related Fields

a. Indicate subject matter fields at the institution which are related to, or will support, the proposed program.

The proposed program is closely related to Criminal Justice. Criminal Justice faculty will be invaluable in teaching the Forensic Science Core and following trends in science within the judicial process. The program will also be supported by the highly experienced STEM faculty teaching several of the core courses in the discipline.

b. Evaluate the supporting fields and indicate if they need improvement. If so, indicate the extent of improvement needed and cost.

The Natural Science fields involved heavily in teaching core courses in the program will require additional office and laboratory spaces by the end of the second year of the program. The new science complex is expected to be ready by that time. Funds for the complex have already been released by FEMA.

The Criminal Justice program is providing students with a comprehensive knowledge of the US criminal justice system. SUNO's program has a very high enrollment and subsequent high graduation rate. It's hard to recommend improvements their productivity. The proposed Forensic Science program will partner with that success and prepare students to work in crime labs employing specialized techniques and quality control.

10. Costs

a. Estimate costs of the proposed program for the first four years. Indicate any amounts to be absorbed out of current sources of revenue and needs for additional appropriations (if any). Indicate if federal or other sources of funds are available. Are there prospects for increased income from students recruited specifically to this program who otherwise would not have enrolled?

For Year 1, \$400,000 is available for equipment (\$381,000.00) and supplies (\$19,000.00). Dependency on Title III funds is scaled down yearly gradually as income from tuition and fees increases. \$75,000 from existing state grants awarded to faculty in the STEM programs will be used to purchase equipment and supplies applicable to training of students enrolled in Forensic Science. At least \$50,000 of such grant money is budgeted for Years 2, 3, and 4. The university is making effort to raise funds locally, e.g. through an Endowed Professorship position that could fetch \$60,000 yearly for the first five years. SUNO does not depend on the success of this effort to run the program.

See the Summary of the Estimated Additional Income for the proposed program under Section 10.d.

b. Indicate departmental costs:

i. Show departmental operating expenditures for the last two completed fiscal years for departments involved in or related to the proposed program.

The Department of Natural Sciences operating expenditures:

2010 - 2011	-	\$1,428,397
2011 - 2012	-	\$1,804,083

ii. How will the proposed program affect the allocation of these funds?

Additional cost required by the Forensic Science program will be met by the additional sources of income explained in Section 10.a. above. Revenue from tuition and fees will support the budget significantly after the first two years.

c. Indicate if additional funds for research will be needed to support the proposed program.

Not specifically. Undergraduate research experience will be encouraged and will be financed by federal (NSF, NIH, DOE, etc.) and state funds as has been the practice in the Department of Natural Science. Faculty research will similarly be encouraged and financed by grant money.

d. Provide estimates of additional cost on the attached form.

Please see the attached form.

NOTE: Letters of support for this program proposal were received from Mayor Mitchell J. Landrieu, Sheriff Marlin N. Gusman and Michael Hacht, President and CEO, Greater New Orleans, Inc., and are included as Appendix IV.

SUMMARY OF ESTIMATED ADDITIONAL COSTS/INCOME FOR PROPOSED PROGRAM

Institution: Southern University at New Orleans

Date: March 04, 2013

Program/Unit: B.S. Forensic Science/Department of Natural Sciences

FTE = Full Time Equivalent (use the institution's standard definition and provide that definition.)

EXPENDITURES								
	First Year		Second Year		Third Year		Fourth Year	
	Amount	FTE	Amount	FTE	Amount	FTE	Amount	FTE
Faculty (salary & fringe)	\$189,000	3	\$199,448	3	\$209,420	3	\$219,891	3
Graduate Assistants	N/A		N/A		N/A		N/A	
Support Personnel (lab tech)	45,850	1	48,142	1	50,550	1	53,077	1
Fellowships & Scholarships	-0-		-0-		-0-		-0-	
SUB-TOTAL EXPENSES								
	Amount		Amount		Amount		Amount	
Facilities	\$ 26,500		\$ 40,200		\$ 40,200		\$ 40,200	
Equipment	330,000		275,000		-0-		-0-	
Travel	6,000		6,000		6,000		6,000	
Supplies	28,000		28,000		28,000		28,000	
SUB-TOTAL	\$390,500		\$349,200		\$ 74,200		\$ 74,200	
GRAND TOTAL EXPENSES	\$626,330		\$596,790		\$334,170		\$347,168	
Amount & Percentage of Total Anticipated From:	Amount	%	Amount	%	Amount	%	Amount	%
State Appropriations	\$ 50,000		\$ 50,000		\$ 50,000		\$ 50,000	
Federal Grants/Contracts	400,000		350,000		100,000		50,000	
State Grants/Contracts	76,000		50,000		50,000		50,000	
Private Grants/Contracts								
Tuition & Fees*	43,400		86,800		130,200		173,600	
Fees								
Other (specify)**	60,000		60,000		60,000		60,000	
TOTAL	\$629,400		\$596,800		\$390,200		\$387,600	

*Estimated at \$4,340.00 per year, per student, carrying 15 credit hours each semester. Student projection is 10, 20, 30 and 40 for years 1, 2, 3 & 4, respectively.

** Local fundraising, e.g. via Endowed Professorship, is in progress.

**APPENDIX I - Course Descriptions for Forensic
Science Core and Additional
Courses**

Forensic Science Core (60 credit hours)**Forensic Science Seminar (FRSC 201) – 1 credit hour:**

This course involves presentation and discussion of general and special issues in forensic science; extension and application of background knowledge to unusual topics and cases.

Introduction to Forensic Science (FRSC 210) – 3 credit hours:

This course is an introductory look at the various fields of study and how they are used in modern law enforcement; a brief history of forensic science in Europe and the United States; use of Geology, Anthropology, Dentistry, Pathology, and Psychiatry in Investigation.

Introduction to Law (FRSC 220) – 3 credit hours:

This course includes examination of criminal liability, crimes against person, property and society; the criminal process; constitutional and legal problems associated with criminal procedures; and the due process of law.

Expert Witness Testimony (FRSC 310) – 3 hours:

Consideration of place of experts in dispute resolution, cases that require expert testimony, pre-trial preparations, rules of evidence, admissibility issues, articles and exhibits, courtroom demeanor, participation at criminal mock trials and offer expert testimony.

Evidence Collection and Processing (FRSC 320) – 3 credit hours: (2 – 1 – 3)

Theory and Practice in evidence protection and collection: biological and medical evidence and controls to be collected, injuries to be photographed, legal and scientific requirements of packaging and storage, writing medical report and assisting the coroner, rules of evidence and expert witness. Laboratory exercises and report enhance lecture. Prerequisites: FRSC 210, FRSC 220.

Professional Practice in Forensic Science (FRSC 440) – 3 credit hours:

This course emphasizes professional practices and expectations for the forensic scientist. Professional organizations, certification, ethics, QA/QC, accreditation, technical writing, data treatment and interpretation, and standards of ASCLD/LAB and FBI are discussed.

Drugs and Toxicology (FRSC 410) - 3 credit hours: (2 – 1 – 3)

This is a study of the chemistry, biochemical activity, isolation and identification of drugs of forensic interest in biological materials. Aspects of drug chemistry relevant to understanding the properties, physiological effects, and techniques used for the separation, analysis, and identification of drugs will be discussed. Emphasis is on controlled substances. The course also introduces techniques and instrumentation used for the chemical separation and analysis of drugs in both solid dosage and toxicological samples. Relevant laboratory exercises enhance lecture.

Forensic Science Internships (FRSC 420) - 3 credit hours:

A 10-week internship at a local, state or federal crime laboratory is required for this degree. The internship provides the student with a real-life crime laboratory atmosphere and also provides the crime laboratory with the ability to recruit the student for future employment into the laboratory.

Additional courses

Cell Biology Laboratory (BIOL 324L) - 1 credit hour:

[LCCN: CBIO 4141, Cell Biology Lab (UPPER LEVEL)] The course supplements and reinforces lecture concepts and provides hands-on experience in analysis of cellular activities. (Prerequisites: BIOL 124L and 125L).

Molecular Biology (BIOL325) - 3 credit hours:

This course is a study of the mechanism and regulation of DNA, RNA, and protein biosynthesis in prokaryotes and eukaryotes. Basic principles of recombinant DNA technology and applications in biomedical fields are discussed. (Prerequisites: BIOL 217 and BIOL 324).

Molecular Biology Laboratory (BIOL325L) - 1 credit hour:

Laboratory exercises are coordinated with lectures, and provide hands-on experience in modern molecular biology techniques, including Immunological typing of blood; DNA typing and electrophoresis, laboratory exercises and lab report. Information on CODIS. (Prerequisites: BIOL 217L and 324L).

Forensic Microscopy (FRSC 430) - 3 credit hours:

Light Microscopy of trace evidence including, contrast, resolving power and illumination; interference, phase and fluorescence microscopy; microscopy with polarized light, birefringence and crystal structure; dispersion staining; photomicrography; fibers, minerals and residues. Lecture with lab exercises. (Pre-requisite: FRSC 210)

Quantitative Analysis (CHEM 351) - 3 credit hours:

[LCCN: CCEM 2303, Analytical Chemistry (Quantitative Analysis)]. This course is an extension of studies of stoichiometry and equilibrium in general chemistry to principles and practice of quantitative chemistry. The lecture includes descriptive statistics with emphasis on small samples, various types of competing equilibria pertaining to acid-base, compleximetric, potentiometric titrations and introduction to spectrophotometric processes. (Prerequisites: Chemistry 111, 112; Mathematics 161, 162).

Quantitative Analysis Laboratory (CHEM 351L) – 2 credit hours:

[LCCN: CCEM 2301, Analytical Chemistry Lab]. The laboratory portion of Chemistry 351 is intended to give practical experience in obtaining accurate, precise chemical measurements using both classical analytical techniques and instrumentation. Students will develop a number of the following skills: solution preparation, quantitative wet chemistry techniques, and proper use of instrumentation, assessment and interpretation of data, evaluation of results, and written and oral presentation of work. (Prerequisites: Chemistry 112, 112L, and concurrent enrollment or prior credit in Chemistry 351).

Special Problems and Seminar (CHEM 450) – 4 credit hours:

This course provides conference and laboratory experiences for the student. Supervised research projects, reporting and presentation of seminar are required activities (Offered as a capstone project for forensic science majors). (Prerequisites: FRSC 310, 320, and CHEM 241, 241L, 242, 242L)

Senior Comprehensive (FRSC 460) – 0 credit hours:

All majors are required to pass a comprehensive examination. Students must register for the course IN THE SEMESTER PRIOR TO THE ONE IN WHICH THEY PLAN TO GRADUATE.

**APPENDIX II. Curriculum Committee and System
Approval Documents (*pdf* file)**

APPENDIX III Faculty Resumes

A.

BIOGRAPHICAL SKETCH			
Name	Position Title		
David Sunday Adegboye	Professor of Biology/ Vice Chancellor for Academic Affairs & Accreditation Liaison		
EDUCATION (Begin with baccalaureate or other initial professional education and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY
Ahmadu Bello University Zaria, Nigeria	D.V.M.	1972	Veterinary Science
University of Cambridge, Cambridge, U.K.	Ph.D.	1975	Microbiology/Immunology
NIAID/NIH, Bethesda, MD	Post-doc.	1978	Microbiology
University of London, U.K.	Post-doc.	1990-91	Molecular Biology
Iowa State Univ., Ames, IA	Post-doc.	1993-95	Molecular Biology

<u>B. PROFESSIONAL EXPERIENCE</u>	<u>DATE</u>
<u>Vice Chancellor for Academic Affairs & Accreditation Liaison</u> Southern University at New Orleans	Feb. 2010 to current
<u>Interim Vice Chancellor for Academic Affairs & Accreditation Liaison</u> Southern University at New Orleans	Feb. 2009 to Jan. 2010
<u>Associate Vice Chancellor for Academic Affairs & Accreditation Liaison</u> Southern University at New Orleans, LA	Mar. 2006 – Jan. 2009
<u>Chairperson, Department of Biology</u> Southern University at New Orleans, LA	1999 – Feb. 2006
<u>Campus Project Leader, Louisiana Biomedical Research Network</u> Southern University at New Orleans, LA	2002-2006
<u>Barron Hilton Professor of Nursing/Pre-Medical Careers</u> Dillard University, New Orleans, LA	1998-1999
<u>Visiting Professor, Biotechnology Research and Development Grant</u> Iowa State University, Ames, IA	1993-1995
<u>Visiting Professor, Commonwealth Senior Academic Staff Fellowship</u> University of London, London, United Kingdom	1990-1991
<u>Professor of Animal Production and Dean of Agriculture</u> University of Ilorin, Ilorin, Nigeria	1985-1989
<u>Professor of Microbiology and Assistant Dean Graduate & Research Affairs</u> <u>Lecturer rising to Reader</u> Ahmadu Bello University, Zaria, Nigeria	1983-1985 1972-1983
<u>Fulbright Scholar</u> National Institutes of Health, Bethesda, MD	Aug.-Dec. 1981

C. MAJOR RESEARCH INTERESTS

- Variable surface proteins of mycoplasmas and the role in virulence
- Short tandem repeats in lipoprotein genes of urogenital mycoplasmas
- Genome of *Mycoplasma genitalium*

D. PUBLICATIONS (short list)

1. McGowin, C.L., Annan, R.A., Quayle, A.J., Greene, S.J., Ma, L., Mancuso, M.M., **Adegboye, D.S.**, and Martin, D.H. 2012. Persistent *Mycoplasma genitalium* infection of human endocervical epithelial cells elicits chronic inflammatory cytokine secretion. *Infect Immun.* 80 (11): 3842-9.
2. McGowin, C.L., Ma, L., Jensen, J.S., Mancuso, M.M., Hamasuna, R., **Adegboye, D.S.**, and Martin, D.H. 2012. Draft genome sequences of four axenic *Mycoplasma genitalium* strains isolated from Denmark, Japan, and Australia. *J. Bacteriol.* 194(21): 6010-1.
3. McGowin, C.L., Ma, L., Mancuso, M.M., Hamasuna, R., Jensen, J.S., **Adegboye, D.S.**, and Martin, D.H. 2012. Comparative genomics reveals minimal diversity among *Mycoplasma genitalium* genes encoding cytoadherence-related or immunogenic proteins worldwide. Abstract #865. 112th General Meeting of the American Society for Microbiology, June 16 – 19, 2012, San Francisco, CA.
4. Olorunshola, I., Akitoye, C., **Adegboye, D.**, Anorlu, R., Banwart, E., Egah, D., and Lombin, L. 2010. Speciation of *Ureaplasma* sp from STI patients in Nigeria. Program and Abstract, 18th Conference of International Organization for

Mycoplasma, pg. 138-139. Also: Risk factor assessment and demographic profile of human urogenital mycoplasmosis in Nigeria, pg. 141. Also: Comparison of methods for the detection of human genital mycoplasmas in selected STD patients in Nigeria, pg. 212.

5. Mims-Devezin, L., Kambhampati, M., **Adegboye, D.S.** 2007. Integration of technology and virtual laboratories into the biology curriculum at an urban university: impact on students' attitude and response. *J. Urban Educ. Focus on Enrichment* 4(1): 42-51.
6. Olorunshola, I.D., Coker, A.O., **Adegboye, D.S.**, Banwat, E.B. and Lombin, L.H. 2007. Current status of human urogenital ureaplasmosis in Nigeria. Book of Abstracts, pg 67-68, International Conference on Chlamydia and Mycoplasma Human Infections, University of Ferrara, Ferrara, Italy, April 19-20, 2007.
7. Agbonlahor, I. Kambhampati, M.S. and **Adegboye, D.S.** 2005. Phytogenotoxicity of copper (Cu) in *Ipomoea lacunose* (Morning glory) seedlings: pilot studies. Refereed Proceedings 6th & 7th Annual DoE EPSCoR HRD and LS-LAMP Student Research Conference 2002, 2003, pg 227-229. ISSN 1554-7604.
8. **Adegboye, D.S.**, Kambhampati, M.S., Mims, L.R., Hardester, L.M., Charbonnet, D., Causey, M., and Clancy, M. 2005. A successful model for integrating high-technology courses for content requirements in science education: molecular biology course development at Southern University at New Orleans, State of Louisiana. *J. Urban Edu.* 2(1), 151-158.
9. Kambhampati, H.S., Hardy R., **Adegboye, D.S.**, Cosby, R., and Mims, L. 2005. Integration of technology into the biology curriculum for teacher preparation at Southern University at New Orleans. *J. Urban Edu.* 2(1), 10-18.
10. **Adegboye, D.S.**, Halbur, P.G., Nutsch, R.G., Kadlec, R.G., and Rosenbusch, R.F. 1996. *Mycoplasma bovis* – associated pneumonia and arthritis complicated with pyogranulomatous tenosynovitis in calves. *J Amer Vet Med Assoc.* 209 (3), 647-649.
11. Bansal, P., **Adegboye, D.S.**, and Rosenbusch, R.F. 1995. Immune responses to the capsular polysaccharide of *Mycoplasma dispar* in calves and mice. *Comp. Immun. Microbiol. Infect. Dis.* 18 (4), 259-268.
12. **Adegboye, D.S.**, Halbur, P.G., Cavanaugh, D.L., Werdin, R., Chase, C.C.L., Miskimins, D.W., and Rosenbusch, R.F. 1995. Immunohistochemical and pathological study of *Mycoplasma-bovis* - associated lung abscesses in calves. *J. Vet. Diagn. Invest.* 7 (3), 333-337.
13. **Adegboye, D.S.**, Rasberry, U., Halbur, P.G., Andrews, J.J., and Rosenbusch, R.F. 1995. Monoclonal antibody-based immunohistochemical technique for the detection of *Mycoplasma bovis* in formalin-fixed, paraffin-embedded calf lung tissues. *J. Vet. Diagn. Invest.* 7(2), 261-265.
14. Purewal, A.S., Smallwood, A.V., Kaushal, A., **Adegboye, D.S.** and Edington, N. 1992. Identification and control of the cis-acting elements of the immediate-early gene of equid herpesvirus type 1. *J. Gen. Virol.* 73, 513-519.
15. Isitor, G.N., Delman, H.D., **Adegboye, D.S.**, Ezeokoli, C.D. and Chineme, C.N. 1984. Ultrastructural evidence for the involvement of pox virions in lesions of bovine dermatophilosis. *Trop. Veterinarian* 2, 183-189.
16. Ilemobade, A.A., **Adegboye, D.S.**, Onoviran, O., and Chima, J. C. 1982. Immunodepressive effects of trypanosomal infection in cattle immunized against contagious bovine pleuropneumonia. *Parasit. Immuno.* 4, 273- 282.
17. **Adegboye, D.S.**, Briggs, N. D. And Lister, U. 1979. Cultural examination of female outpatients in Zaria, Nigeria, for genital mycoplasmas. *Nig. Med. J.* 9(7-9), 675-678.
18. Macfarlane, J.T., **Adegboye, D.S.**, and Warrell, M.J. 1979. *Mycoplasma pneumoniae* and the aetiology of lobar pneumonia in Northern Nigeria. *Thorax* 34(6), 713-719.
19. **Adegboye, D.S.** 1978. A review of mycoplasma-induced immunosuppression. *Br. Vet. J.* 134(6), 556-560.
20. **Adegboye, D.S.** 1978. Attempts to demonstrate cell-mediated immune response during *Mycoplasma suis pneumoniae* infection of pigs. *Res. Vet. Sci.*, 25 (3), 323-33

E. GRANTS AWARDED (major awards)

1. **Bioinformatics and Biotechnology Research Initiative.** U.S. Army Medical Research Acquisition Activity (USAMRAA) grant for research on *Mycoplasma genitalium* genome, in collaboration with the Louisiana State University Health Sciences Center, New Orleans, 2008-2012. **PD/P.I.** \$1.265 million.
2. **Development of Environmental Biotechnology Laboratory and Enhancement of Biology Curriculum.** US Department of Education, 2005-2008. **Co-PI.** \$263,000.
3. **Louisiana Biomedical Research Network.** A multi-campus National Institutes of Health grant, 2002-2005. Southern University at New Orleans (SUNO) **Campus Coordinator.** \$5.9 million.
4. **Enhancement of Microbiology Teaching and Research Infrastructure.** LA Board of Regents, 2003-2004. **PI.** \$53,497.
5. **Modernizing the Biology Curriculum at Southern University at New Orleans.** Department of Defense Infrastructure Support Program for HBCU/MI, 2000-2001. **PI.** \$194,298.00.
6. **Enhancement of Undergraduate Curriculum by the Integration of Molecular Biology.** LA Board of Regents, 2000-2001. **PI.** \$49,374.00.

F. MEMBERSHIP

1. American Society for Microbiology
2. International Organization for Mycoplasma
3. American Veterinary Medical Association

G. COMMUNITY SERVICE

1. President (2000-2004) and Executive Board Member, African Christian Fellowship, New Orleans Chapter.
2. Education Missions Services – African Christian Fellowship – USA, South Region.
3. Neighborhood Watch, Willow Pointe Home Owners Association, Harvey, Louisiana.
4. Greeters, White Dove Fellowship Church, 3600 Manhattan Blvd., Harvey, Louisiana.

Professional Resume

A.

BIOGRAPHICAL SKETCH			
NAME: SOLOMON ADEKUNLE		POSITION TITLE: Associate Professor of Biology	
Education: (Begin with baccalaureate or other initial professional education and include post-doctoral training, Cert & Licensure)			
Institution & Location	Degree	Year Conferred	Field of study
University of Ibadan, Ibadan, NIGERIA	BSc	1975	Pharmacology
Boston University, Boston, MA	M.A.	1986	Pharmacology
Boston University, Boston, MA	Ph.D.	1995	Cell and Molecular Biology
Department of Human Genetics, Graduate School of Public Health, University of Pittsburgh, PA	Post-Doc Research	1996-99	Molecular Epidemiology of Osteoporosis
Facility & location Boston University Center for Human Genetics	Professional Certifications & Licensure NCA (CLSc, CG)	Year 1990	Field of concentration Clinical Laboratory Scientist, Cytogenetics
Department of Human Genetics, Graduate School of Public Health, University of Pittsburgh, PA	Candidate Fellow, American College of Medical Genetics	2003	Medical Genetics/Clinical Cytogenetics

B. PROFESSIONAL EXPERIENCE

DATE

Associate Professor of Biology, Southern University
Of New Orleans, LA

August 2007 - Now

Volunteer Visiting Professor of Biology, Caprivi
College of Education, Namibia with IFESH, (A USAID sponsored
Program for teachers for Africa)

August 2003 - July 2005

Assistant Professor of Biology, Lincoln University, PA

August 2000 - July 2003

LABORATORY EXPERIENCE

Assistant Professor of Biology, Lincoln University, PA
Cytogenetics Research: Role of interstitial telomeres in
Chromosomal abnormalities

August 2000 - July 2003

Post Doctoral Fellow, Department of Human Genetics
Graduate School of Public Health, University of Pittsburgh
PA

Feb. 1996 - June 1999

Molecular Epidemiological Studies of Osteoporosis

Research Technologist, Laboratory of Cytogenetics, FISH
And Genotoxicology, Rhode Island Hospital/Brown University
Medical School, Providence, RI

August 1992- Feb. 1995

FISH studies of chromosomal abnormalities in tumors using telomeric and satellite probes

Research Assistant, Biology Department
Boston University, Boston, MA

Jan. 1987 - May 1988

Tissue culture of murine bone marrow and study of Effects of IL-3, erythropoietin and hemin on different blood cell lineages

Research Assistant, Dept. of Hematology and Oncology.
Boston City Hospital/Boston University Medical School
Boston, MA

Jan. 1985 - Dec. 1986

Human hematopoietic research, Study of circulating granulocyte committed progenitors (CFU-C) in a neutropenic black population

Research Assistant, Dept. Of Pharmacology
Boston University Medical School, Boston, MA

May 1982 - Dec. 1984

Tissue culture of tumor cell lines and study of effects of actinomycin D and cisplatin on tumor cell lines

RESEARCH EXPERIENCE

Associate Professor of Biology, Southern University
of New Orleans, LA 70126

Aug, 2007 - Now

Cytogenetics Research. Comparative chromosome structure of vertebrates. Molecular epidemiology of the distribution of interstitial telomeres in humans, Role of interstitial telomeres in chromosomal abnormalities

Assistant Professor of Biology, Lincoln University, PA 19352

Aug, 2000 - May, 2003.

Cytogenetics Research. Comparative chromosome structure of vertebrates. Molecular epidemiology of the distribution of interstitial telomeres in humans, Role of interstitial telomeres in chromosomal abnormalities

C. MAJOR RESEARCH INTERESTS

- THE ROLE OF INTERSTITIAL TELOMERIC SEQUENCES IN CHROMOSOME REARRANGEMENTS IN EVOLUTION, CANCER, FRAGILE SITES, RECOMBINATION AND TRANSLOCATIONS.

D. PUBLICATIONS (Short list)

1. Bjornson BH, Harvey JM, Adekunle SSA, (1985). Circulating granulocyte committed progenitors (CFU-C) in a neutropenic black population. (Abstract) *Exptal Hem*, 13 (5), 329.

2. Wyandt H. E., Milunsky J., Lerner T., Gusella J.F., Hou A., McDonald M., and Adekunle S.S.A., (1993). Characterization of a duplication in the terminal band of 4p by molecular cytogenetics. *Am J Med Genet* 46, 72-76.

E. GRANTS AWARDED

1. AACR Minority - Serving Institution Faculty Scholar in Cancer Research Award, \$1800 to attend AACR Special Conference,
2. Travel Grants for conferences (SUNO Title 3) 2009)

December 6, 2007

2007, 2008,

F. MEMBERSHIPS

Candidate Fellow, American College of Medical Genetics March, 2003 - Now
 Member American Society of Human Genetics Jan. 1988 - Now
 Affiliate Member, American Association for Cancer Research Jan. 1996 - Now

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and consultants and collaborators. Begin with the Principal investigator/program director. Photocopy this page for each person.

NAME: Bashir Mahmoud Rezk Atteia

POSITION TITLE: Assistant Professor of Biology

EDUCATION (Begin with baccalaureate or other initial professional education and include postdoctoral training.)

INSTITUTION AND LOCATION	DEGREE	YEAR CONFERR ED	FIELD OF STUDY
Cairo University, Cairo, Egypt.	BSc	1995	Biology/Zoology
Cairo University, Cairo, Egypt.	M.Sc.	2000	Cancer Biolog/Pharmacology/ Physiology
Maastricht University, The Netherlands	Ph.D.	2004	Biomedical Sciences/Human Toxicology
Louisiana State University Health Sciences Center, New Orleans, LA	Post-Doc Researcher	2005	Pharmacology and Experimental Therapeutics/Cardiovascular
Tulane University, New Orleans, LA	Post-Doc Fellow	2008	skeletal muscle atrophy/ regeneration/stem cells

A. Personal Statement

I received a scholarship for the Master program in the Pharmacology and Experimental Oncology Unit, National Cancer Institute, Cancer Biology Department, Cairo University (1996-2000). I served as a co-investigator in the project of experimental oncology and cancer drug screening (2000-2001). During this time, I was awarded a prestigious scholarship to join the PhD program in human toxicology, Department of Pharmacology and Toxicology, Faculty of Medicine, Maastricht University, The Netherlands. I was recruited in 2005 by the Department of Pharmacology and Experimental Therapeutics of the LSU Health Sciences Centre, New Orleans, LA as a postdoctoral researcher. In May 2008, I joined Heart and Vascular Institute, Tulane University. My work was focusing on the effects of Angiotensin II and muscle wasting and skeletal muscle stem cells. Currently, I am conducting research work on the Experimental Therapeutics for Erectile Dysfunction in collaboration with the Department of Urology, Tulane University. I have a long experience (1996-present) in the mentoring of undergraduate and graduate students during laboratory projects

B. Positions

- | | |
|----------------|--|
| (2011-present) | Assistant Professor of Biology, Department of Natural Sciences, Southern University at New Orleans, Louisiana, USA |
| (2010-2011) | Postdoctoral Fellow, Department of Urology, Tulane University, Faculty of Medicine, New Orleans, Louisiana, USA |
| (2008-2010) | Postdoctoral Fellow, Heart and Vascular Institute, Tulane University, Faculty of Medicine, New Orleans, Louisiana, USA |
| (2005-2008) | Postdoctoral Researcher, Department of Pharmacology & Experimental Therapeutics, Louisiana State University Health Sciences Center, New Orleans, Louisiana, USA. |
| (2001-2004) | PhD student, Department of Pharmacology and Toxicology, Faculty of Medicine, Maastricht University, The Netherlands. The title of PhD thesis is Antioxidants and their metabolites: Some toxicological aspects. The research described in the Ph.D. thesis was supervised by Dr. Guido Haenen, Prof. Dr. Wim van der Vijgh and Prof. Dr. Aalt Bast. |
| (2000-2001) | Fellowship in Pharmacology and Experimental Oncology, National Cancer Institute, Cairo University, Cairo, Egypt. |
| (1997-2000) | M.Sc. student, fellowship, Pharmacology and Experimental Oncology Unit, National Cancer Institute, Cairo University

The title of the Master thesis is effect of propionyl-L-carnitine on adriamycin-induced cardiotoxicity. This study was supervised by Assistant Prof. Dr. Mohamed M. Sayed-Ahmed, Prof. Dr. Samia A. Shouman and Prof. Dr. Maher H. Khalifa. |
| (1996-2000) | Biomedical investigator in the Egyptian private clinical laboratories (Evening Shift) |
| (1996-1997) | Postgraduate student, Comparative Physiology, Faculty of Science, Cairo University, Cairo, Egypt. |
| (1991-1995) | B.Sc, Department of Zoology, Faculty of Science, Cairo University, Cairo, Egypt. |

C. Selected Peer-reviewed Publications

- D. Naura AS, Kim H, Ju J, Rodriguez PC, Jordan J, Catling AD, Bashir M. Rezk, Abd Elmageed ZY, Pyakurel K, Tarhuni AF, Abughazleh MQ, Errami Y, Zerfaoui M, Ochoa AC, Boulares AH. Minocycline blocks asthma-associated inflammation in part by interfering with the T Cell receptor-NF- κ B-GATA-3-IL-4 axis without a prominent effect on PARP. J Biol Chem. 2013 Jan 18;288(3):1458-68.
- E. Bashir M. Rezk, Tadashi Yoshida, Laura Semprun-Prieto, Yusuke Higashi, Sergiy Sukhanov, and Patrice Delafontaine. Angiotensin II infusion induces marked diaphragmatic skeletal muscle atrophy. PLoS One.

2012;7(1):e30276. Epub 2012 Jan 20

- F. Laura C. Semprun-Prieto, Sergiy Sukhanov, Tadashi Yoshida, Bashir M Rezk, Romer A. Gonzalez-Villalobos, Charlotte Vaughn, A. Michael Tabony, and Patrice Delafontaine. Angiotensin II induced catabolic effect and muscle atrophy are redox dependent. *Biochemical and Biophysical Research Communications*, 2011 Jun 3;409(2):217-21
- G. Chetan P. Hans, Yumei Feng, Amarjit S. Naura, Mourad Zerfaoui, Bashir M Rezk, Huijing Xia, Alan D. Kaye, Khalid Matrougui, Eric Lazartigues, and A. Hamid Boulares. Protective Effects of PARP-1 Deficiency on Dyslipidemia-Induced Autonomic and Vascular Dysfunction in ApoE^{-/-} mice: Role of eNOS Activation and Oxidative Stress. *PLoS One*. 2009 Oct 13;4(10):e7430
- H. Zerfaoui M, Naura AS, Errami Y, Hans CP, Rezk BM, Park J, Elsegeiny W, Lord K, Kim JG, and Boulares AH. Effects of PARP-1-deficiency on airway inflammatory cell recruitment in response to LPS or TNF- α : Differential effects on CXCR2 ligands and Duffy antigen receptor for chemokines. *J Leukoc Biol*. 2009 Sep 9
- I. Naura A, Datta R, Hans C, Zerfaoui M, Rezk BM, Errami Y, Oumouna M and Boulares H. Reciprocal regulation between inducible NO synthase and Poly(ADP-ribose)polymerase during allergen-induced airway inflammation: requirement versus dispensability. *Eur Respir J*. 2009 Feb;33(2):252-62.
- J. Su J, Lucchesi PA, Suzuki Y, Palen DI, Rezk BM, Boulares HA, Matrougui K. Role of Advanced Glycation End Products with Oxidative Stress in Resistance Artery Dysfunction in Type 2 Diabetic mice. *Arterioscler Thromb Vasc Biol*. 2008 Aug;28(8):1432-8.
- K. Rezk BM, van der Vijgh WJF, Bast A, Haenen GRMM. Alpha-tocopheryl phosphate is a novel apoptotic agent. *Front Biosci*. 2007 Jan 1;12:2013-9.
- L. Rocic P, Rezk B, Lucchesi PA. PPAR-gamma agonists decrease hyperhomocysteinemia and cardiac dysfunction: new hope for ailing diabetic hearts? *Am J Physiol Heart Circ Physiol*. 2006 Jul;291(1):H26-8.
- M. Rezk BM, Haenen GRMM, van der Vijgh WJF, Bast A. The extraordinary antioxidant activity of vitamin E phosphate. *Biochim Biophys Acta*. 2004; 1683: 16-21
- N. Rezk BM, Haenen GRMM, van der Vijgh WJF, Bast A. Lipoic acid protects efficiently only against a specific form of peroxynitrite-induced damage. *J Biol Chem*. 2004; 279: 9693-7.
- O. Rezk BM, Haenen GRMM, van der Vijgh WJF, Bast A. Tetrahydrofolate and 5-methyltetrahydrofolate are folates with high antioxidant activity. Identification of the antioxidant pharmacophore. *FEBS Lett*. 2003; 555: 601-5
- P. Rezk BM, Haenen GRMM, van der Vijgh WJF, Bast A. The antioxidant activity of phloretin: the disclosure of a new antioxidant pharmacophore in flavonoids. *Biochem Biophys Res Commun*. 2002; 295: 9-13.
- Q. Sayed-Ahmed MM, Shouman SA, Rezk BM, Khalifa MH, Osman AM, El-Merzabani MM. Propionyl-L-carnitine as potential protective agent against adriamycin-induced impairment of fatty acid beta-oxidation in isolated heart mitochondria. *Pharmacol Res*. 2000;4: 143-50.

Book Chapters

- R. Bashir M. Rezk & Sikka, S. Developmental and reproductive disorders: Role of endocrine disruptors in testicular toxicity. *Reproductive and developmental toxicology* (pp. 903-912). March, 2011. San Diego: Academic Press. doi:DOI: 10.1016/B978-0-12-382032-7.10069-4

(Form 4, rev. 2009)

Professional Resume

BIOGRAPHICAL SKETCH			
NAME: IDRANIM EKALOTI, MD		POSITION TITLE: Associate Professor of Biology	
Institution & Location	Degree	Year Conferred	Field of study
Craiova University School of medicine, Craiova , Romania	MD	1991	Medicine

B. PROFESSIONAL EXPERIENCE**DATE**

Southern University at New Orleans, LA Aug 2007-Present

Tenure Associate Professor of Anatomy, Physiology and Biology

New Mexico State University, Las Cruces, NM Jan 2006 - Jul 2007

Tenure Track Assistant Professor of Anatomy, Physiology, Pathophysiology

El Paso Community College, El Paso TX Aug 2006 - Jul 2007

Teaching Anatomy and Physiology Courses with Labs

Keiser College, Lakeland, FL May 2005 - Dec 2005

Taught courses and labs of Anatomy and Physiology in the Nursing Program.

Saba University School of Medicine, Saba Island, NA Aug 2004 - Dec 2004
Associate professor of gross Anatomy and Embryology

Central Florida College, Orlando, FL Jan 2004 -Aug 2004

Full-time Assistant Professor Taught Anatomy and Physiology I and II with labs

Florida Hospital College of Health Sciences, Orlando, FL Jan 2002 - Aug 2003

Taught Anatomy and Physiology I and II with labs Part-time

Valencia Community College, Orlando, FL Apr 1999 -Jun 2003

Taught Anatomy, Physiology I and II and Human Biology with labs Part-time

Keiser College, Daytona Beach, FL Apr 1999 -Nov
2000

Full-time Assistant Professor. Taught courses in Human Biology and Advanced Biology with labs

Concord College, Ft. Lauderdale, FL Jan 1998 -Apr 1999

Full-time Assistant Professor. Taught Anatomy, Physiology and Laboratory Procedures

Medical Experience

North Broward Hospital, Fort Lauderdale, FL Sep 1997 - Jan 1999

Monitored Telemetry unit-cardiology and followed up patients during pre and post operative state.

Aleppo University Hospital, Aleppo, Syria Aug 1993 - Jun 1996

Residency in Internal Medicine

Petre Georgescu Cardiology Clinic, Craiova, Romania Dec 1992 - May 1993

Worked as a Cardiology trainee, performed physical exams & histories, diagnosed and treated

Patients under supervision.

C. MAJOR RESEARCH INTERESTS

Topic A "PDZK1 Expression is age-physic in human breast cancer and growth-promoting factor that is indirectly regulated by estrogen through IGF-1R"

Topic B Apoptotic DNA fragmentation may be a cooperative activity between capase-activated dnase and DNAS1L3, an ER-localized endonuclease that translocates to the nucleus during apoptosis”

Topic C Minocycline blocks allergen-induced airway eosinophilia and production of Th2 cytokines and IgE in a PARP-independent manner: Specific effects on NF-kB signal transduction.

D. PUBLICATIONS (Short list)

Ryan Winters, Paul Friedlander, Salem
Noureldine, Ibrahim Ekaidi, Krzysztof Moroz,
and Emad Kandil

Preoperative Parathyroid Needle Localization:
A Minimally Invasive Novel Technique in
Reoperative Settings

Minimally Invasive Surgery
Volume 2011 (2011), Article ID 487076, 4
pages
doi:10.1155/2011/487076

E. GRANTS AWARDED

2012 BOARD OF REGENTS ENHANCEMENT GRANTS \$46,500 PHYSIOLOGY EQUIPMENT

TROPICAL PATHOLOGY AND INFECTIOUS DISEASE ASSOSIATION RESEARCH SCHOLARSHIP: \$3,000.00

F. MEMBERSHIPS

American Heart Association
Human Anatomy and Physiology Society
Board Advisory Member of HIMS

G. COMMUNITY SERVICE

JMA 2008- Present

BIOGRAPHICAL SKETCH			
Name: Murty S. Kambhampati		Position Title: Professor of Biology	
		Contact Info.: 504-286-5069	
EDUCATION (Begin with baccalaureate or other initial professional education and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY
Andhra University, India	BS	1979	Biology
Andhra University, India	MS	1981	Botany
Andhra University, India	Diploma	1983	Statistics
Andhra University, India	Ph.D.	1988	Ecology
Jackson State University, Jackson, MS	Ph.D.	1999	Environmental Science

A. Positions and Employment

6/91 - January 1994

JSU/NASA/EOS Project Manager in the Department of Biology

Feb. '94 - August 94

Research Associate in math department at Jackson State University

Aug. '94 - August 2001	Assistant Professor of Biology, Southern University at New Orleans
Summer 1995	Faculty Research Participant (FRP) at Argonne National Laboratory, Chicago
Summer 1996	Biology Instructor at SUNO
Summer 1997	Biology Instructor in NSF/LaCEPT Workshop high school teachers
Summer 1998	Visiting Research Fellow in Tulane LAMP Program
Summer 1999-01	Research Mentor at LUMCON, Cocodrie, LA
August 2001- July 04	Associate Professor of Biology, Southern University at New Orleans
Summer 2002-05	Biology Coordinator in the NSF funded PESMaCT
Summer 2006, 07, 08, 09	DOE/NSF Faculty and Student Team, Brookhaven National Laboratory NY
August 2004-	Professor of Biology, Southern University at New Orleans

B. Classes Taught (Both Lecture and Laboratory): Biology Seminar; Introduction to Biology I & II; General Biology I&II; Plant Diversity, Morphology of Vascular Plants; Plant Physiology, Genetics, Principles of Ecology, Advances in Ecology, Environmental Biotechnology, Biology Senior Seminar I and II

C. New Courses Developed: (i) Advances in Ecology (LA-BoR) and (ii) Environmental Biotechnology (USEd)

D. Research Interests: Phytoremediation, Environmental Toxicology and Biotechnology, and Limnology.

E. Publications (short list)

- K.W. Jones, S. Bronson, P. Brink, C. Gordon, K. Mosher-Smith, M. Brown, S. Chaudhry, A. Rizzo, R. Sigismondi, M. Whitehurst, A. Lukaszewski, D. Kranz, K. Bland, D. Gordan, J. Lobel, J. Sullivan, M. Metzger, C. O'Shea, C. Harris, R. Arezzo and M.S. Kambhampati. 2009. "Bivalve Characterization Using Synchrotron Micro X-Ray Fluorescence" published in *Acta Physica Polonica A*. 115(2): 477-481.
- Kambhampati M. S., H. St. Cyr*, L. Stemley*, and T. Green, 2007. "Environmental Health of Peconic River Headwaters: Sediment Chemistry," *Battelle Press Paper A-052*. ISBN 978-1-57477-159-6.
- Murty S. Kambhampati**, Gregorio B. Begonia, Maria F.T. Begonia, Yolanda Bufford*. 2005. Morphological and Physiological Responses of Morning Glory (*Ipomoea lacunosa* L.) Grown in Lead- and Chelate-Amended Soil. *Int. J. Environ. Res. Public Health*. 2(2): 299-303.
- Adegboye, D.S., **Kambhampati, M.S.**, Mims-Devezin, L. Hardester, L.M., and Clancy, M.J. 2004. A successful model for integrating high-technology courses for content requirements in science education. Presented at *First System-wide J.K. Haynes Teacher Preparation Conference*. Southern University System, Baton Rouge, LA. *J.Urban Edu.* 2(1): 151-158.
- Kambhampati, M.**, Adegboye, D.S., Mims-Devezin, L. and Cosby, R. 2004. Integration of Technology into Biology curriculum for teacher preparation at Southern University at New Orleans. Presented at *First System-wide J.K. Haynes Teacher Preparation Conference*. Southern University System, Baton Rouge, LA. *J.Urban Edu.* 2(1): 10-18.
- Kambhampati, M.S.**, Omojola, J., Omar, A., Miranda, D., Singleton, C., Esmail, A., and Thibodeaux, A. 2004. Interdisciplinary Science, Mathematics, and Technology Course Modules for Praxis II: a necessity at Southern University at New Orleans. Presented at *First System-wide J.K. Haynes Teacher Preparation Conference*. Southern University System, Baton Rouge, LA. *J.Urban Edu.* 2(1): 89-96.
- Itohan Agbonlahor*, **Murty S. Kambhampati**, and David S. Adegboye. 2004. Phytogenotoxicity of Copper (Cu) and Lead (Pb) in *Ipomoea lacunosa* (L.) (morningglory) seedlings: Pilot Studies. 7th Annual LS-LAMP-DOE-EPSCoR Conference Peer Review Proceedings.
- Laura Pauline* and **Murty S. Kambhampati**. 2003. Accumulation of Cadmium in Grass Shrimp (*Palaeomonetes pugio*). 6th Annual LAMP-EPSCoR-DOE Conference Peer Reviewed Proceedings.

M.S. Kambhampati, G.B. Begonia, M.F.T. Begonia, Y. Bufford*. 2003. Phytoremediation of Lead-Contaminated Soil Using Morning Glory (*Ipomoea lacunosa* L.): Effects of Synthetic Chelate. *The Bulletin of Environmental Contamination and Toxicology*. 71(2) 379-386.

Kambhampati, M.S. and Johnson, D*. 2001. Phytoremediation of lead-contaminated soils using *Zea mays*. *Phytoremediation, Wetlands, and Sediments* (Eds. Andrea Leeson, Eric A. Foote, M. Katherine Banks, and Victor S. Mager). The Sixth International In-Situ and On-Site Bioremediation Symposium. San Diego, California, June 4-7, 2001. Battelle Press, Columbia, Richland. 6(5): 151-156.

Kambhampati, M.S. and Williams, L*. 2001. Phytoremediation of lead-contaminated soils using *Mirabilis jalapa*. *Phytoremediation, Wetlands, and Sediments* (Eds. Andrea Leeson, Eric A. Foote, M. Katherine Banks, and Victor S. Mager). The Sixth International In-Situ and On-Site Bioremediation Symposium. San Diego, California, June 4-7, 2001. Battelle Press, Columbia, Richland. 6(5): 145-150.

Begonia, G.B., M.T. Begonia, G.L. Miller*, and **M.S. Kambhampati**. 2000. Phytoremediation of metal-contaminated soils: Jackson State University Research Initiatives. *In: Metal Ions in Biology and Medicine* (eds. Cenleno, J.A., Callery, G.V., Finkelman, H.G., and Ehenne, J.C.). 6: pp 672-674. John Libbey Eurotext. Paris.

* **Undergraduate students (mentees) as co-authors**

F. Research Abstracts: Approximately 60 research abstracts published in national and international research conferences for the past 12 years (with undergraduate research mentees as primary or co-authors).

G. Grants Awarded (for the past ten years):

- 2009-2014: Implementation of Enrichment, Excellence, and Enhancement in Natural Sciences (E3MaS; \$1.75M; **Co-PI**), NSF
- 2008-2012: Scholarships for Excellence in Natural Sciences (S-STEM-SENS; \$558,900; **PI**), NSF
- 2009: Supplemental Grant to PESMaCT for FaST&SULI 2009 stipends at BNL (~32K; **PI**), NSF
- 2008: Supplemental Grant to PESMaCT for FaST&SULI 2008 stipends at BNL (~31K; **PI**), NSF
- 2005-2008: Development of Environmental Biotechnology Lab at SUNO (\$263,000; **PI**), US Ed.
- 2007: Supplemental Grant to PESMaCT for FaST&SULI 2007 stipends at BNL (~29K; **PI**), NSF
- 2006-2007: Enhancement of Biology Computer Laboratory at SUNO (~50K; **Co-PI**), LA-BoR
- 2006-2007: Enhancement of Microbiology, Molecular Biology, and Ecology Laboratory Instruction at SUNO (~30K; **Co-PI**), LA-BoR
- 2006: Supplemental Grant to PESMaCT to replace equipment (100K; **Co-PI**), NSF
- 2006: Supplemental Grant to PESMaCT for FaST 2006 stipends at BNL (~21K; **PI**), NSF
- 2003-2004: Enhancement of Microbiology Teaching and Research Infrastructure (\$53,497; **Co-PI**), LA-BoR
- 2001-2008: Program for Excellence in Science, Mathematics, and Computer Technology (PESMaCT), (\$ 2,600,000; **Co-PI**), NSF
- 2001-2004: Biomedical Research Infrastructure Network (BRIN) multi-campus proposal. Dr. E. Williams Wischusen (**PI**) at LSU, Baton Rouge (\$4.949 millions; **Co-PI**; SUNO Share ~\$600K), NIH
- 2001-2002: Enhancement of Laboratory Instruction through Technology in the Department of Biology at SUNO. (\$41,954, **PI**), LA-BoR

- 2000-2001: Enhancement of Laboratory Instruction in Biology at SUNO. (\$40,000, PI), LA-BoR
- 2000-2001: Enhancement of Undergraduate Curriculum by the Integration of Molecular Biology at Southern University at New Orleans. (\$49,374; Co-PI), LA-BoR

H. Research Mentoring: Mentored more than 60 undergraduate students (environmental and plant science research projects for the past 12 years (some won awards in regional/national conferences).

I. Membership: American Chemical Society (ACS), World Wildlife Fund (WWF), Nature Conservancy, Beta Beta Beta Biological Honor Society, Beta Kappa Chi National Scientific Honor Society (SUNO Chapter Sponsor), National Institute of Science (SUNO Chapter Sponsor).

J. Honors and Awards (short list):

- 008 Minority Access, Inc. National Faculty Role Model Award
- Several Chancellor's, Grantsmanship, and Dean's Awards for Excellence in Mentoring, Teaching, Service, and Grants secured for SUNO (consistently for the past several years).
- Listed in **Who's Who Among America's Teachers®**, 2004 and 2005.
- Chancellor's Scholarship Cash Award (\$500.00) for the Year 2005-2006
- National Society of Toxicology Undergraduate Student Advisor Award 2006-07
- Southern University System Faculty Excellence Award, 2007

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and consultants and collaborators. Begin with the principal investigator/program director. Photocopy this page for each person.

Name	Position Title
Dr. Lisa R. Mims-Devezin	Professor of Biology

EDUCATION (Begin with baccalaureate or other initial professional education and include postdoctoral training.)

INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY
Southern University at New Orleans	B.S.		
	M.S.		
Southern University A&M College	Ph.D.	1991	Biology/Pre-Med
		1993	Biology/Microbiology
Southern University A&M College		2004	Science and Math Education

A. Positions and Honors.

2006 – present and Sciences	Southern Univ. at New Orleans, Associate Dean, College of Arts
2004- present Biology	Southern Univ. at N.O., Assoc. Prof. of Biology, Department of
1993- 2004 Biology	Southern Univ. at N.O., Asst. Prof. of Biology, Department of
2000-2001 Consultant	N.O. Public Schools , Class Size Reduction External
1997- 2000	TRIO/Upward Bound/Southern Univ. at N.O., Instructor of Biology
1997	University of Iowa, Visiting Assistant Professor and Researcher
1996	Department of Energy/ S.U.N.O. Instructor of Biology
1995	Louisiana State University Medical Center, Gratis Research Faculty/Visiting Investigator
1993- 1994	Dillard University, New Orleans, Visiting Lecturer in Biology
1992- 1993	Southern University A & M College, Graduate Teaching Assistant , Department of Biology
1992 Toxicology and	University of North Texas, Research/Internship , Department of Immunology

B. Classes Taught (Both Lecture and Laboratory): Introduction to Biology 105 & 106; General Biology 124 & 125; Animal Diversity; General Microbiology

C. New Courses Developed: *** (1) Developed the Health Information Management Systems Program for Southern University at New Orleans***; (2) Introduction to BIOL 105 Lecture and Lab On-Line Course; (3) Introduction to BIOL 106 On-Line Course; (4) General Microbiology BIOL 217 On-Line Course,

D. Research Interests: Microbiology and Environmental Microbiology

E. Publications (short list)

2007 **Mims-Devezin, L, Kambhampati, M.SI, Adegboye, D.S., Integration of Technology and Virtual Laboratories Into the Biology Curriculum at an Urban University: Impact on Students' Attitude and Response**. Journal of Urban Education 4(1), 42 – 51.

- 2005 Adegboye, D. S., Kambhampati, M. S., **Mims, L. R.**, Hardester, L. M., Causey, M., and Clancy, A Successful model for integrating high technology courses for content requirements in science education: molecular biology course development at Southern University at New Orleans, State of Louisiana. *Journal of Urban Education* 2(1), 151 –158.
- 2005 Kambhampati, M.S., Adegboye, D.S., **Mims-Devezin, L**, and Cosby, R. Integration of Technology into biology curriculum for teacher preparation at Southern University at New Orleans. *Journal of Urban Education* 2(1), 10 – 18.
- 2004 Mims-Devezin, College Students' Perceptions, Attitudes, and Preconceived Notions about Biology. Southern University A&M College, Southern Univ. Dissertation
- 2004 A Successful Model for Integrating High-Technology Courses for Content Requirements in Science Education. Presented at the First System-wide J.K. Haynes Teacher Preparation Conference, Southern University – Baton Rouge, LA.
- 2001 Adegboye, D. S., Kambhampati, M. S., **Mims, L. R.**, Hardester, L. M., Charbonnet, D., Causey, M., and Clancy, M. Southern University at New Orleans, and University of New Orleans. Case study of molecular biology course development at Southern University at New Orleans. *SE Biology*, 49 (2), 216.
- 1998 **Mims, L.R.** General Biology Laboratory Manual. Wm. C. Brown Publishing Company, Dubuque, IA

F. Research Abstracts: research abstracts published in national research conferences for the past 8 years (with colleagues and undergraduate research mentees as primary or co-authors).

G. Grants Awarded (for the past seven years):

- 2006 Enhancement of the Computer Lab for Biology Instruction at SUNO. LA Board of Regents (\$50,000.00)
(PI)
- 2006 Enhancement of Microbiology, Cell and Molecular Biology, and Ecology Teaching and Research Infrastructure at SUNO. LA Board of Regents (\$38,632.00) (PI)
- 2004 Enhancement of Microbiology Teaching and Research Infrastructure at SUNO. LA Board of Regents (\$53,497.00) (Co-PI)
- 2002 Enhancement of the Infrastructure for Pathogenic Microbiology Teaching Research. (\$49,374.00) (Co-PI)

2000-2001 Modernizing the Biology Curriculum at Southern University at New Orleans.
Department of Defense Infrastructure Support Program for HBCU/MI, (\$
194,298.00) (Co-PI)

H. Research Mentoring:

2007-Present	Mentor	SUNO/ LAMP (Leadership and Mentoring Program)
2004-Present Participation)	Mentor	SUNO/ LAMP (Louisiana Alliance for Minority
1993-present	Mentor	Natural Sciences, area of Biology

I. Membership:

2007 Online Learning	Peer Reviewer	Quality Matters: Institutional Quality Assurance in
2007	Member	HBCU Faculty Development Network
2006	Member	American Society for Microbiology
2006	Member/Evaluator	Southern Association of Colleges and Schools
2005	Member	National Institute of Sciences
2001	Trainer for Marco Polo	Marco Polo/ QUEST
2000	Member	National Science Teachers Association
2000	Member	Society for College Science Teachers
1996	Member	Beta Kappa Chi Sci. Honor Society
1991	Member / Advisor	Beta Beta Beta Biological Honor Society
1990	Member	Alpha Kappa Alpha Sorority, inc.

J. Honors and Awards:

2008 Cambridge Who's Who Registry Among Executive and Professional Women

- 2008 Southern University at New Orleans, Certificate of Appreciation, Mathematics and Science Kamp for Beginners (MSKB)
- 2007 Temple's Preschool of Math & Science, New Orleans, Guest Speaker, Culminating Activity
- 2007 MGE@MSA Arizona Student Research Conference, Judge, Tempe, AZ
- 2007 Who's Who Among American Teachers, Southern University at New Orleans
- 2007 Southern University at New Orleans, Certificate of Grantsmanship Participation, New Orleans,
- 2006 Southern University at New Orleans, Certificate of Successful Grantsmanship and Winning grants Award, New Orleans
- 2005 Southern University at New Orleans, College of Science, Award for Excellence in Mentoring
- 2005 Southern University at New Orleans, Who's Who Among Teachers in American Colleges and Universities.
- 2004 Southern University at New Orleans, College of Science, Award for Excellence in Teaching
- 2004 Southern University at New Orleans, Certificate of Grantsmanship Participation, New Orleans, LA
- 2003 Southern University at New Orleans, Certificate of Outstanding Grantsmanship, New Orleans
- 2001 Southern University at New Orleans, Certificate of Successful Grantsmanship and Winning Grants Award, New Orleans

Professional Resume

A.

BIOGRAPHICAL SKETCH			
Tonye E. Numbere		Temporary Assistant/Associate Professor of Biology	
Education: (Begin with baccalaureate or other initial professional education and include post-doctoral training, Cert & Licensure)			
Institution & Location	Degree	Year Conferred	Field of study
Florida A and M University, Tallahassee, Florida	BS	1982	Horticulture
Kansas State University, Manhattan, Kansas	M.Sc.	1986	Horticulture, fruit crop physiology, pre-harvest herbicide and fungicide treatments, and post-harvest storage evaluations
Kansas State University, Manhattan, Kansas	Ph.D.	1990	Physiology and biochemistry of Plant hormones, Regulation of fruit tree growth with growth retardants, bioassays and ¹⁴ C translocation, and nutritional status

Facility & location	Professional Certifications & Licensure	Year	Field of concentration
American Chemical Society, Washington, D.C.	Spectroscopy certificate	1994	Analytical Atomic Spectroscopy: AAS, ICP-AES, and ICP-MS
CETAC Training Center, Omaha, Nebraska	Spectroscopy and Laboratory (Certificate)	1994	Inductively Coupled Plasma Spectrometry-Optical Emission and Mass Spectrometry, and Laboratory
Perkin Elmer Training Center, Norwalk, Connecticut	Mass Spectroscopy (Certificate)	1996	Inductively Coupled Plasma Mass Spectrometry, New instrumentation testing and calibration
University of Oregon Eugene, Oregon	Biology Teaching Workshop (Certificate)	1997	Effective approach to teaching, continuous improvement of teaching methods, establish collaborative relationships with participants and facilitators, and assessment methods
University of Missouri, Rolla, Missouri	Teaching workshop	2005	Teaching design and higher level thinking

B. PROFESSIONAL EXPERIENCE

DATE

Manager/ Senior Research Specialist - Environmental Trace Substances
Research Center, MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY
(FORMERLY UNIVERSITY OF MISSOURI, Rolla)

May 1992 – May 1998

Lecturer - Biological Sciences Department, MISSOURI UNIVERSITY
OF SCIENCE AND TECHNOLOGY (FORMERLY UNIVERSITY OF MISSOURI, Rolla)

Aug 1996 – May 2008

C. MAJOR RESEARCH INTERESTS

- Plant based nutrition in human health, and Phytochemicals in various food crops (some Brassica species) and their impact on human health
- Study antioxidant biosynthesis in some Brassica species
- Role of organosulfur compounds found in Allium species in lowering plasma cholesterol levels, and their mode(s) of action

D. PUBLICATIONS (Short list)

• Numbere, Daopu T., Catherine A. Riordan and T. E. Numbere. 2000. Enhancing Diversity through Information Technology. TEDEV.	• Numbere, T.E., H. Moser, F.D. Morrison and R.W. Campbell. 1990. Uptake, translocation, and metabolism of Uniconazol in apple trees-II. (ASHS).
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· Radd, F.J., T.E. Numbere, and L. Yu. 1998. Analytical Studies on the Etiologies of Alzheimer's and Parkinson's Diseases. E.T.S.R.C.	· Numbere, T.E., H. Moser, F.D. Morrison and R.W. Campbell. 1988. Uptake, translocation, and metabolism of Uniconazol in apple trees- I. Presented at the 86th Annual International meeting for ASHS, (Abstract).
· Numbere, T.E., F.D. Morrison and R.W. Campbell. 1992. Effects of Uniconazol, Paclobutrazol, and Flurprimidol on the control of young apple tree growth. PGRSA QUARTERLY 20:65-75.	· Morrison, F.D. and T.E. Higgwe (Numbere). 1987. In season-- Kansas fruits from May to November. Cooperative Extension Service, Kansas State University, Brochure.

E. GRANTS AWARDED

· P. I., Mel Ruppell, Co-P.I.s, Lynn Hartman, Lee Yu, Tonye Numbere, Environmental Trace Substances Research Center, USDI Grant.
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F. MEMBERSHIPS

· Plant Growth Regulator Society of America	· Alternative Therapies in Health and Medicine
· American Society for Horticultural Science	· American Society for the Advancement of Science
· Sigma Xi Scientific Society of America	·

G. COMMUNITY SERVICE

· NAACP, Rolla, Missouri Chapter (1989 – 2008)	· Christ Episcopal Church - Open Door Program for feeding the hungry (1997-2008)
· Member of Board of Directors, Russell House For Abused and Battered Women (2000-2002)	·

BIOGRAPHICAL SKETCH

Name: Joseph O. Olubadewo, Ph.D.		Position Title: Associate Professor Contact Info.: (504)-432-0969	
EDUCATION (Begin with baccalaureate or other initial professional education and include postdoctoral training..)			
Most recent as first one			
Univ. TN Ctr. Hlth. Sci., Memphis, TN Vanderbilt University, Nashville, TN Ahmadu Bello University, Zaria, Nigeria	Postdoctoral Ph.D. B.Sc. (Hons)	No Degree 1976 1970	Pharmacology Pharmacology Chemistry

A. Positions and Employment (Current to previous in order)

August 2008-Present: Associate Professor of Biology, SUNO, New Orleans, LA

August 2007-May 2008: Professor of Pharmacology, Our Lady of the Lake College, Baton Rouge, LA

August 1985-2005: Professor of Pharmacy, Xavier University of LA, New Orleans, LA

August 1980-1985: Research Associate-Assistant Professor, UTCHS, Memphis, TN,

July 1970-June 1980: Lecturer-Senior Lecturer, Ahmadu Bello University, Zaria, Nigeria

B. Classes Taught (Both Lecture and Laboratory): At SUNO, BIOL 105; BIOL 105L (2 sections); BIOL 231/231L; BIOL 100.

At Our Lady Of the Lake College, Nurse Anesthesia Pharmacology (2 semesters)

At Xavier University, Pharmacology Lecture and Lab

At Ahmadu Bello University, Pharmacology for medical, pharmacy and nursing students

C. New Courses Developed: At SUNO, Developmental Anatomy, Animal Diversity, Introduction to Pharmacology

D. Research Interests: Developmental Biology (human placental cholinergic system); Cardiovascular disorders (hypertension, trauma hemorrhage); Metabolic disorders (diabetes, thyroid disorders and lipid metabolism); Signal Transduction (autonomic pharmacology of smooth muscles).

E. Publications (short list)

Mathis, KW, Zambell, K, **Olubadewo, JO**, Molina PE. (2006). Altered hemodynamic counter-regulation to hemorrhage by acute moderate alcohol intoxication. *Shock* 26: 55-61.

Olubadewo JO, Ochillo, RF. (2007). Application of an ultraviolet (UV) spectroscopic method for measuring lipoprotein cholesterol in diabetic and hypothyroid rats. *Cell Molec Biol* 53: 75-80

Olubadewo, J. O. and Spitzer, J. A. (2003). Immune response modulation in acutely alcohol intoxicated, acutely diabetic male and female rats. *Alcohol* 31: 137-147.

Olubadewo, J. O., Tsai, C. S., Oke, T. O., Tam, C. W., and Ochillo, R. F. (2003). The effect of regular alcohol use on the management of noninsulin diabetes mellitus. *Cellular and Molecular Biology*

Olubadewo, J. O., Wingard, M. A., Tsai, C. S., Robinson, T. J. and Ochillo, R. F. (1997). Modification of the portal vein spontaneous contraction by sorbitol. *Pharmacology*.

Olubadewo, J. O., Wingard, M. A., Washington, B. T., Tsai, C. S., Robinson, T. J. and Ochillo, R. F. (1994). The effects of transportation stress on lipoproteins and catecholamines in rats. *Cell. Molec. Biol.* 40: 1201-1206.

F. Research Abstracts:

Published Abstracts: Out of over 70)

Olubadewo JO and Spitzer JA. (2001). Gender-dependent modulation of alcohol-induced alteration of immune mechanisms in diabetes. *Alcoholism: Clin Exper Res* 25 (Suppl) 29A, Abstr #136.

Williams K, Olubadewo J, Zambell K, Vande Stouwe C, Carnal J, Molina PE. (2004). Short term moderate alcohol intoxication impairs hemodynamic and immune response to hemorrhagic shock. Presentation at a satellite meeting (Alcohol and Immunology Research Group) of the Society of Leukocyte Biology meeting in October 2004 in Toronto, Canada.

Olubadewo JO, Tsai CS, Oke TO, Tam CW, Ochillo RF. (2003). Effect of regular alcohol use on management of diabetes mellitus. Presentation at the 26th Annual Meeting of the Research Society on Alcoholism, Fort Lauderdale, FL, June 21-26, 2003

Olubadewo JO, Spitzer JA. (2002). Influence of gender and acute alcohol (EtOH) intoxication on chemokine generation in the diabetic state. *FASEB J* 16: A396 Abstr #359.4

G. Grants Awarded (for the past six years):

H. Research Mentoring:

Mentored undergraduate students through MBRS and RCMI grant support and had published manuscripts and abstracts with them.

I. Membership:

South East Pharmacology Society (Life Member);

West African Society for Pharmacology (Life Member);

Ad Hoc Committee for review of abstracts for the MBRS Symposium 1986

NIH-Review Site Visit Panel to Drew University Medical School, Los Angeles, CA, 1990

NIH-RCMI Metabolism Site Visit Panel to Tennessee State University,
Nashville, TN, 1991

NIH Metabolism Study Section October, 1989, 1990, 1991, 1992

Human Anatomy and Physiology Society, 2008- present

J. Honors and Awards:

1970, Bristol Award for Best Graduating Student in Chemistry.

K. Other relevant information

BIOGRAPHICAL SKETCH			
Name: Quincy A. Quick		Position Title: Assistant Professor of Biology	
		Contact Info.: 504-284-5406	
EDUCATION (Begin with baccalaureate or other initial professional education and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY
Ferrum College, Ferrum, VA	BS	1994	Biology
Virginia State University, Petersburg, VA	MS	1996	Biology
New Mexico State Univ, Las Cruces, NM	PhD	2001	Biology
Univ of Massachusetts Medical School Worcester, MA	Postdoc	2002-2003	Molecular Pharmacology and Biochemistry
Medical College of VA Richmond, VA	Postdoc	2003-2006	Pharmacology and Toxicology
Univ of Toronto (Sunnybrooke Hospital) Toronto, ON (Canada)	Postdoc	2006	Radiation and Biophysics

A. Positions and Employment

8/2006-9/2010	Assistant Professor of Cell and Molecular Biology, Grambling State University Ernest E. Just Endowed Professor of Biology Department of Biological Sciences Grambling, LA
1/2008-1/2010	Adjunct Graduate Assistant Professor of Biology Louisiana Tech University Department of Biological Sciences, Ruston, LA
6/2008-6/2010	Visiting Professor, Louisiana State University Health Sciences Center Department of Anatomy and Cellular Biology, Shreveport, LA
1/2011-5/2001	Visiting Research Professor, Virginia State University

Department of Biology, Colonial Heights, VA

8/2011-present Assistant Professor of Biology, Southern University at New Orleans
Department of Biology, New Orleans, LA

B. Classes Taught (Both Lecture and Laboratory):

Introductory Biology Majors and Non-Majors (Lecture)
Introductory Biology Majors and Non-Majors (Laboratory)
Cellular and Molecular Biology (Lecture)
Cellular and Molecular Biology (Laboratory)
Biological Research
Animal Diversity (Lecture)
Animal Diversity (Laboratory)

C. New Courses Developed:

Cellular and Molecular Biology
Nanotechnology

D. Research Interests:

Experimental therapeutics of brain tumors

E. Publications (short list)

Quick, QA and Gewirtz, DA Enhancement of radiation sensitivity, delay of proliferative recovery after radiation and abrogation of MAPK (p44/42) signaling by imatinib in glioblastoma cells. *Int J Oncol.* 2006 Aug;29(2):407-12.

Quick, QA and Gewirtz, DA An accelerated senescence response to radiation in wild-type p53 glioblastoma multiforme cells. *J Neurosurg.* 2006 Jul;105(1):111-8.

Quick, QA and Serrano, EE Cell proliferation during the early compartmentalization of the *Xenopus laevis* inner ear. *Int J Dev Biol.* 2007;51(3):201-9.

Quick, QA Epothilone B induces cell death in glioblastoma cells via down-regulation of survivin. *Experimental Oncology. Journal of Experimental Oncology.* 2008 Sep;30(3):195-201.

Quick Q, Skalli O. Alpha-actinin 1 and alpha-actinin 4: contrasting roles in the survival, motility, and RhoA signaling of astrocytoma cells. *Exp Cell Res.* 2010 Apr 15;316(7):1137-47.

Henry W*, **Dubois J***, **Quick Q** The microtubule inhibiting agent, Epothilone B, antagonizes glioma cell motility associated with reorganization of the actin-binding protein, α -actinin 4. *Oncol Rep.* 2011 Mar; 25 (3):887-93. Epub 2011 Jan 13.

Quick, Q, Faison M. CHOP and caspase 3 induction underlie glioblastoma cell death in response to endoplasmic reticulum stress. Submitted under review. *Journal of Experimental and Therapeutic Medicine* Sept 2011

F. Research Abstracts:

Cicero, S.A., Lopez-Anaya, V.L., **Quick, Q.A.**, Doyon, W.M., and Serrano, E.E. (1999). Developmental innervation patterns and morphology of the utricle in *Xenopus laevis*. *Association for Research in Otolaryngolgy* Abst.22:759

Quick, Q.A. and Serrano, E.E. (1999). Formation of the sensory epithelium of the inner ear during *Xenopus laevis* development.

Society for Neuroscience. Abst.Vol.25:297.9

Serrano, E.E. and **Quick, Q.A.** (2000). Confocal laser scanning microscopy of *Xenopus* inner ear organs during larval development.
Society for Developmental Biology.

Q.A. Quick and Serrano, E.E. (2000). Cell proliferation during inner ear development in *Xenopus laevis*.
Society for Neuroscience.

Quick, Q.A. and Gewirt, D.A. (2004) Senescence arrest and lack of apoptosis as elements contributing to radioresistance in glioblastoma cells.
American Association for Cancer Research

Quick, Q. A. (2008) Epothilone B induces glioblastoma cell death via survivin down regulation and tubulin redistribution
American Association for Cancer Research

Quick Q, O. Skalli (2008) Alpha-actinin Promotes PI3 Kinase Associated Growth Arrest in Astrocytoma Cells.
American Society for Cell Biology

G. Grants Awarded (for the past ten years):

2008 American Society for Cell Biology Visiting Professor Award- Funded
American Society for Cell Biology

2009 American Society for Cell Biology Visiting Professor Award- Funded
American Society for Cell Biology

H. Research Mentoring:

2007-2010 Research Initiative for Scientific Enhancement Mentor

2007-2008 National Institute of Mental Health Career Opportunities in Research Mentor

2008- 2010 Research Apprentice Mentor

2008-2010 Rising Sophomore Academy Coordinator

I. Membership:

Society for Neuroscience
American Society for Cell Biology
American Association for Cancer Research

J. Honors and Awards:

2008 American Association for Cancer Research (MICR) Minority Serving Institution
Faculty Scholar in Cancer Research Award Recipient
American Association for Cancer Research

2008 American Society for Cell Biology Visiting Professor Award
American Society for Cell Biology

2009 American Association for Cancer Research (MICR) Minority Serving Institution
Faculty Scholar in Cancer Research Award Recipient

American Association for Cancer Research

2009 American Society for Cell Biology Visiting Professor Award
American Society for Cell Biology

2009-10 Ernest E. Just Endowed Professor of Biology (Grambling State University)

Professional Resume

A.

BIOGRAPHICAL SKETCH			
NAME: Dr. Ilyya Tietzel (Ph.D.)		POSITION TITLE: Assistant Professor of Biology	
Education: (Begin with baccalaureate or other initial professional education and include post-doctoral training, Cert & Licensure)			
Institution & Location	Degree	Year Conferred	Field of study
Johannes Gutenberg University, Mainz, Germany see above	BS	1993	Biology
see above	M.Sc.	1998	Immunology, Genetics, Zoology, Anthropology
see above	Ph.D.	2001	Immunology (Genetics, Zoology)
University of Maryland, College Park	Post-Doc Research	2003	Immunology, signaling, molecular biology
University of Louisville, Kentucky	Post-Doc Research	2008	Immunology, Aging, <i>M. tuberculosis</i> , Microbiology, <i>Chlamydia</i>
Facility & location	Professional Certifications & Licensure	Year	Field of concentration
municipal hospitals Hannover, Germany.	Certified & registered nurse	1991	Internal medicine

B. PROFESSIONAL EXPERIENCE

DATE

Scientific technician. Institute of Immunology, University of Mainz, Mainz, Germany 1997-1998
Ph.D. student. Professor Ernst Rude, Chair. Institute of Immunology, University of Mainz, Germany
Co-Assignment Prof. Tieno Germann, R&D Immunology department, Grunenthal GmbH, Aachen 1998-2001
Faculty Research Assistant. PI Professor David M Mosser.
Dept. of Cell Biology & Molecular Genetics, University of Maryland, College Park 2001-2003
Postdoctoral Research Associate. PI Professor Robert D. Stout, Chair. Dept. of Microbiology & Immunology, University of Louisville, KY 2003-2006
Postdoctoral Research Associate. PI Assistant Professor Reynaldo Carabeo, Dept. of Microbiology & Immunology, University of Louisville, KY 2006-2008

Postdoctoral Research Associate. PI Professor Yousef Abu Kwaik, Baumgardner
 Endowed Chairin Molecular Pathogenesis, Dept. of Microbiology &
 Immunology, University of Louisville, KY
 Assistant Professor, tenure track, Dept. of Natural Sciences,
 Southern University at New Orleans, New Orleans, LA

2008-2008

2008-present

C. MAJOR RESEARCH INTERESTS

- Host Pathogen Interactions
- Macrophages
- Immunology
- Molecular Biology

Chlamydia
 Mycobacteria
 Microbiology

D. PUBLICATIONS (*Short list*)

- Illya Tietzel, Christelle El-Haibi, and Reynaldo A. Carabeo. Human guanylate binding proteins potentiate the anti-chlamydia effects of interferon-gamma. PLoS One. 2009 Aug 4;4(8):e6499
- Stout RD, Jiang C, Matta B, Tietzel I, Watkins SK, Suttles J. Macrophages sequentially change their functional phenotype in response to changes in microenvironmental influences. J Immunol. 2005 Jul 1;175(1):342-9.
- Tietzel I, Mosser DM. The modulation of macrophage activation by tyrosine phosphorylation. Front Biosci. 2002 Jun 1;7:d1494-502.
- Illya Tietzel and Reynaldo A. Carabeo. Alternatively Activated Macrophages as Novel Host cells for Chlamydia and Attenuation of innate immunity of Classically Activated Macrophages. Manuscript in preparation.

NB: A complete list of all my publications can be found at accomplishedfaculty@suno.edu

E. GRANTS AWARDED

- Intra-mural travel grant of SUNO for participation & career development, March 2009

F. MEMBERSHIPS

- DGFI, German Society of Immunology
- Society of Leukocyte Biology (SLB)
- National Science Teachers Association (NSTA)
- Association for Biology Laboratory Education (ABLE)
- National Institute of Science (NIS)
- Chlamydia Basic Research Society (CBRS)
- American Society for Microbiology (ASM)
- National Association of Biology Teachers (NABT)
- European Macrophage and Dendritic Cell Society (EMDS)
- German Academic International Network

G. COMMUNITY SERVICE

- Habitat for Humanity
- St. Stephen Lutheran Church
-

A.

BIOGRAPHICAL SKETCH			
Name: Yolander Youngblood, Ph.D.	Position: Assistant Professor of Biology, Natural Sciences Department		
Institution & Location	Degree	Year Conferred	Field of study
University of Florida	Ph.D.	1999	<i>Botany- Systematics, Anatomy, and Scanning Electron microscopy</i>
University of South Florida	M.S.	1995	<i>Botany – Symbiotic relationships, microbiology</i>
U. of Southern Mississippi	B.S.	1990	<i>Biology- General Biology</i>

B. PROFESSIONAL EXPERIENCE (MOST RECENT)**Assistant Professor:**

Southern University at New Orleans, New Orleans, LA August 2010 - present

Director: Capital Area Biotechnology Partnership (CABP)

Harrisburg University of Science and Technology, Harrisburg PA 2006 - 2009

Associate Professor & Charter Faculty:

Harrisburg University of Science and Technology, Harrisburg PA 2005 - 2009

Assistant Professor:

PENN STATE Capital College, Harrisburg and Schuylkill Campuses 2002 - 2004

Assistant Professor:

XAVIER UNIVERSITY, Biology Department, New Orleans, LA 1999- 2002

Lab Instructor:

XAVIER UNIVERSITY, Biology Department, New Orleans, LA 1990- 1993

C. MAJOR RESEARCH INTERESTS

Restoration ecology using foliar comparisons, epicuticular wax structures, and foraging activity. Science education - student learning.

D. PUBLICATIONS (Short list)

Youngblood, Y. R., Omolo, E. and Burton, M. Harrisburg University of Science and Technology's Capital Area Biotechnology Partnership: a new university's approach to student learning, in and out of the biotechnology classroom (In progress.)

Taylor, Y.R. "Foliar Epicuticular Wax structures/patterns as useful taxonomic characters among the Coryphoid Palms". (In progress.)

Taylor, Y. R., Bhatia, S., Brown, R., Greene-McDowelle, D., Mullins, T., Cocson, J., Colby, C., Miller, K., Nguyen, S.T., Goral, B., Heroux, K., Quinn, C., Whang, K., McCoy, S.L., and Zoorob, G. 2001. Polymers: for the non-science major. (Submitted to Northwestern University Materials Research Center.)

Greene-McDowelle, D. Mullins, T., Zoorob, G., Taylor, Y. R., Bhatia, S., Stevens, P.W., McCoy, S.L., and Brown, R. 2001. Biosensors: for the non-science major. (Submitted to Northwestern University Materials Research Center.)

Essig, F., Taylor, Y.R., and Te Strake, D. 2000. "Florida's Wax Palm: The Silver Form of *Serenoa repens*. (Arecaceae)". Florida Scientist. 63(1):13-16.**Micrograph:**Taylor, Y. R. 1999. Micrograph of *Strelitzia* type epicuticular wax in *Latania*. In Plant Systematics: A Phylogenetic Approach. Eds. Judd, W.S., Campbell, C. S., Kellogg, E. A., Stevens, P. F. Sinaer Associates, Sunderland, Mass. p. 73.**E. GRANTS AWARDED (Short list)****Workforce Leadership Grant** sponsored by the Pennsylvania Department of

Community and Economic Development (2006 - 2009 - \$535,000)
 SENCER Summer Institute grant sponsored by Science education for new civic engagements and responsibilities (SENCER), Harrisburg pa. (August 2005 - \$3500)
 Whitaker Foundation grant for Enhancing Communities, Pennsylvania - (July 2005 - \$7500)
 Pennsylvania Scholars in Residence Award Program - (2005/2006, 12 @ \$1250/award)

F. MEMBERSHIPS

Council on Undergraduate Research, Member 2007 - present
 National Science Teachers Association, Member 2001- present.

G. COMMUNITY SERVICE

Liaison: HU Biotech Corporate Faculty -Harrisburg, PA. 2007 - 2008
 Reviewer: NATIONAL SCIENCE FOUNDATION, Washington, D.C. October 2008
 Harrisburg University, Harrisburg, PA
Admissions and Student Services Accreditation Standards Workgroup. 2008.
University Seminar - Implemented new course material "Toolkit" in 2007/2008.

H. CONFERENCE PRESENTATIONS (Short list)

Youngblood, Y. R. 2008 "Capital Area Biotechnology partnership". SENCER Posters on the Hill Symposium. Washington, D.C. April 14, 2008.

Youngblood, Y.R., Burton, M., Omolo, E. 2007. "Capital Area Biotechnology Partnership - A workforce pipeline". Pennsylvania Association of Vocational Administrators conference. Hershey, PA February 28, 2007.

Taylor, Y.R. 2000. "Systematic Survey of the *Coryphoid* Palms Using Foliar Epicuticular Wax and Anatomical Characteristics." Journal Club meeting. USDA-ARS Southern Regional Research Center, New Orleans, La.

Taylor, Y.R. 1999. The use of epicuticular wax characters in a cladistic study of the palms. Annual Southeastern Microscopy Meeting, Gainesville, FL.

Taylor, Y.R. 1995. Comparative study of the distribution patterns, leaf anatomy, and morphology of silver and green forms of the saw palmetto *Serenoa repens*. USF Black Graduate and Professional Students Association Presentation series.

Professional Resume

A.

BIOGRAPHICAL SKETCH			
Name: Alvin F. Bopp		Position: Professor of Chemistry	
Institution & Location	Degree	Year Conferred	Field of study
• Louisiana State University – New Orleans	BS	1970	Chemistry
• University of New Orleans	Ph.D.	1974	Chemistry

B. PROFESSIONAL EXPERIENCE

	INSTITUTION	DATE
•Course Councilor and Coordinator MOS-92D	US Army Ordnance Center and School	1975-1976
•Visiting Assistant Professor	University of New Orleans	1977-1978
•Research Chemist	US Air Force Wright Aeronautical Laboratories	1978-1981
•Scientist/Senior Scientist	Martin Marietta Laboratories	1981-1990
•Senior Chemist	Shell Development Corporation	1991-1992
•Associate Professor/Professor	Southern University – New Orleans	1996-Present
•Visiting Scientist	US Department of Agriculture; Southern Regional Research Center	1998 –Present

C. MAJOR RESEARCH INTERESTS

Current recent research on the rational design of chemically modified cotton materials for use as wound dressings. This work, in collaboration with the US Department of Agriculture, has focused on developing bandages for a range of chronic wounds ranging from non-healing wounds, burns, as well as anti-microbial and hemostatic uses. Within the program, most efforts have been analytical, especially determining activity. In addition, there is an active interest in developing a Chemistry in Art collaboration with SUNO art faculty leading ultimately to developing a course in Chemistry in Art and investigating analytical methods to assist in the restoration/conservation of storm damaged pieces.

D. PUBLICATIONS (Short list)

- Detection of Human Neutrophil Elastase with Peptide-Bound Cross-Linked Ethoxylate Acrylate Resin Analogs, Edwards, J. Vincent; Caston-Pierre, Sonya; Bopp, Alvin F.; and Goynes, Wilton Journal of Peptide Research, 2005
- J.V. Edwards, A.F. Bopp, et. al., "Human Neutrophil Elastase Inhibition with a Novel Cotton-Alginate Wound Dressing Formulation", Journal of Biomedical Materials Research, Part A, **66A**, 433-440 (2003).
- J.V. Edwards, A.F. Bopp, et. al., "Design, Preparation and Assessment of Citrate-Linked Monosaccharide Cellulose Conjugates with Elastase Lowering Activity," Carbohydrate Polymers, 50, 305-314 (2002).
- 2 patents

E. CONFERENCE PRESENTATIONS (Short list)

- "Immobilization of Lysozyme on Cotton Fabrics: Synthesis, Characterization and Activity," J. Vincent Edwards, Alvin Bopp, et. al., 239th American Chemical Society National Meeting and Exposition, March 21-25, 2010, San Francisco, CA
- "Research and Development of Active Cotton Wound Dressings For Chronic Wound Healing", 2004 Beltwide Cotton Conference, San Antonio, p 2851-2885.

F. GRANTS AWARDED (Short list)

- Louisiana Board of Regents, "Enhanced Workforce Development, Student Success and College Access for Chemistry, Biochemistry and Biotechnology," \$48,200, 2011.
- US Department of Education Minority Science and Engineering Improvement Program (MSEIP); \$72,000; 2001.
- National Science Foundation/Board of Regents Joint Faculty Appointment Program; \$460,000; 2000.

G. MEMBERSHIPS

- American Chemical Society
- Friends of City Park
- New Orleans Museum of Art
- Preservation Resource Center

H. COMMUNITY SERVICE

- Active member of the Louisiana Section of the American Chemical Society (ACS). Held numerous leadership positions, including presently being the Section's Councilor (section representative on the national governing body).

Bopp is presently also an Associate on the ACS Committee on Chemistry and Public Affairs. He has been active in Committee work since 2011 and participated in the ACS legislative Summit and Congressional Visits Day through which members visit their Congressmen (women) or Senators in a dual role as constituent and scientist to emphasize the importance of funding for basic research.

- As a member of the local ACS Section, volunteered and performed chemical demonstrations at the New Orleans Children's Museum during the Museums' Super Science Saturday program.
- Board of Directors; Pin Oak Village Homeowner's Association; Katy, TX 1993-1995

- Board of Managing Directors; Western YMCA; Catonsville, MD 1989-1990

Professional Resume

A.

BIOGRAPHICAL SKETCH			
Name: <i>Dr. Carl Johnson</i>		Position: <i>Professor of Chemistry</i>	
Institution & Location	Degree	Year Conferred	Field of study
Alabama State University	BS	1989	Chemistry
University of Alabama	Ph.D.	1995	Organic/Inorganic Chemistry
University of Pittsburgh	Post-doctoral Studies	1996	Organic Chemistry

B. PROFESSIONAL EXPERIENCE

INSTITUTION

DATE

Professor of Chemistry	Southern University at New Orleans	January 2007 – Present
Associate Professor of Chemistry	Southern University at New Orleans	January 2006 – January 2007
Associate Professor and Chair of Chemistry	Southern University at New Orleans	January 2003 - January 2006
Assistant Professor of Chemistry	Southern University at New Orleans	August 1996 – January 2002
Visiting Scientist Summer Program (Organic Chemistry)	Oak Ridge National Laboratory, Oak Ridge, Tennessee	May 1997 - July 1997
Junior Chemist (Environmental/ Product Improvement)	Grace Specialty Chemicals, Deere Park, Texas	December 1989 - July 1991

C. MAJOR RESEARCH INTERESTS

"The Advanced Synthesis of Calixarene Compounds for Supramolecular Studies."

D. PUBLICATIONS (Short list)

"Effective Methods in Science and Mathematics Education for Urban Students," *J. Urban Education* 2004, 1, 78.

The University Freshman Textbook entitled: "The Freshman Course Book, Road Map to College Success". Co-Contributor/Author for three editions.

"Second SUNO Undergraduate Research Day: Students's Contributions at Southern University at New Orleans," *Council on Undergraduate Research Quarterly*, September, 2002.

E. GRANTS AWARDED (short list)

July 1, 2009

National Science Foundation-"Program of Excellence in Science, Mathematics and Computer Technology" (\$1.75M). I serve as a co-author, co-principal investigator and co-project manager for the project.

July 1, 2008

National Science Foundation-"Scholarships for Excellence in Natural Sciences" (\$598,974).

June 1, 2005

Louisiana Board of Regents-"Computer Resource and Technology Laboratory: A Vital Tool for Enhancing an Undergraduate Curriculum" (\$30,000).

January 1, 2003

National Science Foundation-“Graduate Alliance for Education in Louisiana” (\$61,972). I serve as a co-contributor and co-campus coordinator for the statewide project.

June 6, 2002

Louisiana Board of Regents-“The Enhancement of an Undergraduate Curriculum With Infrared Spectroscopy” (\$30,000).

June 1, 2001

National Science Foundation-“Program of Excellence in Science, Mathematics and Computer Technology” (\$2.5M). I serve as a co-author, co-principal investigator and co-project manager for the project.

June 1, 2000

Southern University at New Orleans Technology Funds-“The Enhancement of an Undergraduate Curriculum via Instrumentation and Technology” (\$65,000).

June 1, 1999

Louisiana Board of Regents-“The Enhancement of an Undergraduate Curriculum via Instrumentation and Technology” (\$65,000).

F. MEMBERSHIPS

American Chemical Society

NOBCChE , Beta Kappa Chi

G. COMMUNITY SERVICE

- Fundraising to provide resources for low income students to continue in school on behalf of 100 Black Men of Baton Rouge, LA
- Participating in the United Way Campaign to provide funding for community based organizations
- Provide mentorship in educational enhancement for youth as a member of the Kiwanis Club
- Contribute painting and other beautification services to the Baton Rouge Unitarian Church
- Contribute to the Food and Clothing Drives for indigent populations in Baton Rouge, New Orleans and other Louisiana communities
- Disaster preparedness consultation, workshops, seminars & drills for community organizations on behalf of IODEP

H. CONFERENCE PRESENTATIONS (Short list)

- National League of American Pen Women** – Washington D.C. (Jan., 17, 2009) January, 2009 - 7pm Pen Arts Building, 1300 17th St. Michael Ralph, Ph.D., Scholar and Orator of Southern University System, Louisiana, read Lincoln’s Second Inaugural Address. This Bicentennial celebration event spotlighted the launch of the book “Happy Birthday, Mr. Lincoln: A Commemorative Collage.”
- The Leadership Academy, Atlanta GA “Leadership for the Twenty-first Century” (2009)
- Atlanta Public School System Administration. “Identifying and Preparing Grant Proposals”(2009)
- Toastmasters: The State of the University -Restructuring, Retrenchment and Reduction in Force in an Economic Downturn (2009)
- Society of College and University Planning SCUP International Conference, New Orleans. 2008 “Effective strategic Planning for Universities”
- The National Black Alcoholism and Addictions Council NBAC, Developing Programs for Community Capacity Building and Community Mobilization (2008)
- Society for College and University Planning, Baltimore, Maryland “The Quest Methodology: Strategies and Techniques for Assessment in Colleges and Universities” (2008)
- KRA Corporation, Washington, DC “The Development of Professional Proposals for Grant Funding (2008)”
- CDC/NAFEO Minority Health Initiative, Houston, Texas “Implementing Effective Health Education and Disease Prevention Programs on the College campus” (2007)

BIOGRAPHICAL SKETCH			
Name: <i>Mr. Darren Gil</i>		Position: <i>Assistant Professor of Criminal Justice</i>	
Institution & Location	Degree	Year Conferred	Field of study
University of Maryland	BS	1986	Criminology
University of Alabama	MS	1999	Criminal Justice
University of Southern Mississippi	Ph.D. (ABD)		International Affairs & Security Studies

PROFESSIONAL EXPERIENCE

Teaching Experience

1985 – Present, lecturer and adjunct, teaching law enforcement operations, special criminal justice topics, firearms and explosives investigations and techniques, violent crime, supervision of criminal justice personnel, globalization of American street gangs, history of American law enforcement, American undercover investigative operations, introduction to criminal justice, counterterrorism intelligence and analysis, leadership and public policy in global/homeland security, contemporary issues in criminal justice, homeland security and interagency response, intelligence integration in global/homeland security, criminal justice policy analysis, terrorism, criminal justice administration and global security issues.

Experience in the Field

Country Attaché – Mexico

10/09-12/10, Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF)

Mexico City, Mexico

Executive-Head of Agency responsible for all matters regarding Mexico including, policy and implementation of Merida Initiative, primary advisor to the US Ambassador/Embassy and the Mexican government on firearms/explosives trafficking and other topics requiring ATF expertise.

Chief, Counterterrorism Division

11/08-7/09, Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF)

Washington DC

Supervised and managed counterterrorism and counterintelligence programs. Duties included promoting, supporting and developing counterterrorism efforts, focusing on terrorist's use of explosives and firearms in terrorism. Improving interagency communication and cooperation in support of criminal investigations and counterterrorism efforts with the FBI, Department of Defense, Department of Justice and INTERPOL. Projects included filtering sensitive intelligence information for broader distribution.

FBI National Security Branch Liaison

10/07-10/09, Federal Bureau of Investigation (FBI)

Washington DC

Promoted, supported and developed interagency communication efforts in support of domestic terrorism investigations and counterterrorism efforts, monitoring sensitive investigations and filtering sensitive intelligence information for broader distribution.

National Joint Terrorism Task Force Representative (NJTTF)

10/07 –03/08, National Counterterrorism Center

Coordinated intelligence gathering initiatives, synthesized intelligence for use by JTTFs and intelligence community, presented training to member organizations regarding gangs, terrorism, counterterrorism, explosives and firearms.

1986-2007, Held various law enforcement positions at the local and Federal levels.

BOOK REVIEWS

Review of "Changing the Guard: Developing Democratic Police Abroad" by David Bayley, in *Policing: An International Journal of Police Strategies & Management*, November 2008.

LEGISLATIVE TESTIMONY

United States Congress, House Oversight and Government Reform Committee, expert witness on trafficking of firearms to Mexico, July 26, 2011.

Vermont State Legislature, Law Enforcement Advisory Board, firearms topics, 2006.

PUBLICATIONS & PRESENTATIONS

Keynote Speaker, "Conference of Mexican Law Enforcement and Military Analysts", Mexico City, Mexico, July 30, 2010.

"Terrorism in Mexico?" presented at the National Social Science Association Conference, Las Vegas, Nevada, spring, 2009.

"ATF & FBI Cooperation in Bombing Investigations" presented at the National Security Training for Anti-Terrorism Prosecutors & JTTF Agents/Officers, National Advocacy Center, Columbia, South Carolina, February 2009.

"New Orleans and Katrina: Social Disorganization Theory Realized?" unpublished work, 2007.

"Project Safe Neighborhoods" presented to multiple audiences concerned with firearms and violence, Washington, DC. Burlington, Vermont, 2004.

"Federal Mandatory Minimum Sentencing: Firearms", policy and practice paper, University of Alabama, Tuscaloosa, Alabama.

"Getting Guns Off the Street" presented at the Department of Justice, National Youth Gang Symposium, Las Vegas, Nevada, 1999.

APPENDIX IV. Letters of Support (*pdf* file)

- a. Mayor Mitchell J. Landrieu
- b. Sheriff Marlin N. Gusman
- c. Mr. Michael Hecht, President & CEO,
Greater New Orleans, Inc.

MITCHELL J. LANDRIEU, MAYOR
CITY OF NEW ORLEANS

October 12, 2012

Victor Ukpolo, Ph.D.
Chancellor
Southern University at New Orleans
6400 Press Drive
New Orleans, LA 70126

RE: Proposed Bachelor of Science in Forensic Science Degree Program

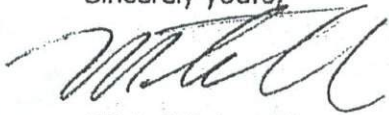
Dear Chancellor Ukpolo:

On behalf of the City of New Orleans, I would like to lend my support to the proposed Bachelor of Science in Forensic Science degree program at Southern University at New Orleans.

Crime reduction and prevention is my number one priority and to achieve our goals New Orleans needs the best quality professionals in the area of forensic science. After all, often it is forensic evidence that identifies perpetrators and leads to convictions in criminal cases.

By starting a program at SUNO that would offer a Forensic Science degree we will be able to recruit and train local individuals in the most modern techniques being used both at the scene of a crime and in the laboratory. Thank you for your consideration. I look forward to welcoming this new degree program and all its benefits to our city.

Sincerely yours,



Mitchell J. Landrieu
Mayor City of New Orleans

1300 PERDIDO STREET | SUITE 2E04 | NEW ORLEANS, LOUISIANA | 70112
PHONE 504.658.4900 | FAX 504.658.4938 | WWW.NOLA.GOV





Office of the Sheriff
Parish of Orleans • State of Louisiana

Marlin N. Gusman
Sheriff

October 16, 2012

Victor Ukpolo, Ph.D.
Chancellor
Southern University at New Orleans
6400 Press Drive
New Orleans, Louisiana 70126

Dear Chancellor Ukpolo:

I am writing this letter in support of the proposed Forensic Sciences program at Southern University at New Orleans (SUNO).

Certainly, here in New Orleans, as in many cities throughout the nation we are confronted with the effects of crime on a daily basis. In the effort to bring those who step outside the boundaries of the law to justice, there is a constant demand for well-trained and highly skilled forensic scientists.

Forensic scientists are instrumental in data-gathering, the identification of suspects, criminal profiling and discovering the cause of death of victims.

The Orleans Parish Sheriff's Office fully supports the efforts of SUNO as it looks to move forward in the development and implementation of the Bachelor of Science in Forensic Science degree program. A program such as this will undoubtedly produce more professionals in the area of law enforcement and will benefit SUNO and the community at large.

Sincerely,

Marlin N. Gusman
Sheriff

MNG/itb



10 PARISHES
Jefferson
Orleans
Plaquemines
St. Bernard
St. Charles
St. James
St. John the Baptist
St. Tammany
Tangipahoa
Washington

Victor Ukpolo, Ph.D.
Chancellor
Southern University at New Orleans
6400 Press Drive
New Orleans, LA 70126

RE: Proposed Bachelor of Science in Forensic Science Degree Program

Dear Chancellor Ukpolo,

Since the recovery from Hurricane Katrina began in earnest, New Orleans has been working hard to not only bring those families who left the city back, but to attract new families along with businesses to the Crescent City. For all of the things that attract people to one of the great international cities in the world, there are concerns that are typically cited by those considering a move. Chief among them is crime.

An effective law enforcement community is essential in creating a safe environment here in New Orleans and SUNO, by helping to cultivate and train professionals who can employ state of the art techniques in gathering evidence that would help identify and prosecute criminals.

GNO, Inc. would like to lend its full support to the proposed Bachelor of Science in Forensic Science degree program at Southern University at New Orleans. We look forward to SUNO helping us build a better and safer New Orleans.

Sincerely,

Michael Hecht
President & CEO



SUSLA
SOUTHERN UNIVERSITY SHREVEPORT LOUISIANA
Excellence • Integrity • Accountability • Service
Office of the Chancellor

March 6, 2013

Dr. Ronald Mason, Jr., President
Southern University System
4th Floor, J. S. Clark Admin Building
Baton Rouge, La 70813

RE: Request –Termination of Existing Programs:

- **The Associate of Applied Science in Event Management**
- **The Certificate of Technical Studies in Fire Management**

Dear Dr. Mason:

Please find for your consideration a request to discontinue two (2) Academic Programs as recommended by the Office of Academic Affairs. Specifically, the Associate of Science in Event Management and Certificate of Technical Studies in Fire Management have been identified as programs to terminate resulting from low program enrollment and low completer status.

If you find favor in approving this action item, I further request that this matter be directed to the Southern University Board of Supervisors for their kind review.

Thank you in advance for your usual support.

Respectfully submitted,


Ray L. Belton, Ph.D.
Chancellor

RLB/lw

SUSLA
SOUTHERN UNIVERSITY SHREVEPORT LOUISIANA
EXCELLENCE · INTEGRITY · ACCOUNTABILITY · SERVICE
OFFICE OF ACADEMIC AFFAIRS

March 5, 2013

Dr. Ray L. Belton
Chancellor
Southern University Shreveport
3050 Martin Luther King Jr., Drive
Shreveport, Louisiana 71107

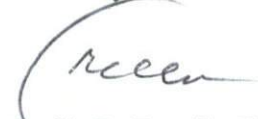
Dear Dr. Belton:

Based on the recommendations from the Department and Division Chairs for Business and Science and Technology; the following programs are recommended for termination because of low completers and low program enrollment.

- The Associate of Science in Event Management
- The Certificate of Technical Studies in Fire Management

Your consideration to this request will be greatly appreciated.

Sincerely,



Orella R. Brazile, PhD
Vice Chancellor for Academic Affairs

Louisiana Board of Regents
2012-13 Academic Program Review
Request for TERMINATION of Existing Academic Program(s)

Please submit an electronic copy (Word Document preferred, or signed PDF) of the completed document to Dr. Karen Denby, Associate Commissioner for Academic Affairs, at karen.denby@la.gov no later than **Monday, February 18, 2013**. Early submission is appreciated. Recommendations to the Board of Regents will be based on this appeal, as well as consideration of the statewide inventory.

Institution Southern University at Shreveport	Program: Degree, Title, CIP Associate of Science in Event Management - 190604
Contact Person [Name, email, phone]: Devonye Brown, dbrown@susla.edu , (318) 670-6421	DATE: 02/15/2013

Note. Program Terminations as a result of this Review will be effective following BOR approval.

1. Description and Rationale. Describe why this termination is requested. Address the impact of the termination upon remaining programs/units (if applicable). *For example, a request to terminate the BS/Chemistry should also include information about the service course offerings in that area – will they be maintained or terminated as well? Will the department maintaining these courses be renamed or consolidated with another? How will this affect the structure at the institution – are there related administrative changes included in this request?*

Program termination is requested because of continuous low enrollment. This termination will have no effect upon remaining programs or units.

2. Students. Provide enrollment data for Fall/2012, by year classification. Use the format below for reporting enrollment data for each program to be terminated if more than one termination is requested.

Program to be Terminated:	FALL 2012 Enrollment Data (Majors):					
	FR	SOPH	JR	SR	M/Sp	PhD
Associate of Science in Event Management	1	1	N/A	N/A	N/A	N/A

3. Phase-Out Plan. Describe the phase-out (teach-out and/or transfer) plan, for each program to be terminated, that minimizes time to completion. Include a projected date for close-out of activity in the terminated degree.

All enrolled students are scheduled to complete the degree by the fall semester of 2014. All of them have completed their event management course requirements, and will be taking courses outside of the department (general education courses) to finish their degree. No new students will be accepted / admitted to the program effective Summer 2013.

4. Other Information. Present any other pertinent information.

For Academic Program Termination: note the SACS/COC requirements (Substantive Change) for notification, teach-out plan, and request for SACS approval following BOR approval. Please send BOR/AcAf a copy of the SACS/COC response.

Certification of support for this request:



 Chief Academic Officer

_____ **2/15/13** _____
 Date

 System Representative

 Date

**Louisiana Board of Regents
2012-13 Academic Program Review
Request for TERMINATION of Existing Academic Program(s)**

Please submit an electronic copy (Word Document preferred, or signed PDF) of the completed document to Dr. Karen Denby, Associate Commissioner for Academic Affairs, at karen.denby@la.gov no later than **Monday, February 18, 2013**. Early submission is appreciated. Recommendations to the Board of Regents will be based on this appeal, as well as consideration of the statewide inventory.

Institution: Southern University at Shreveport	Program: Degree, Title, CIP Certificate of Technical Studies, Fire Service Management CIP-430201
Contact Person [Name, email, phone]: Katina Seamster, kseamster@susla.edu , (318) 670-6000	DATE: 03/05/2013

Note. Program Terminations as a result of this Review will be effective following BOR approval.

1. Description and Rationale. Describe why this termination is requested. Address the impact of the termination upon remaining programs/units (if applicable). *For example, a request to terminate the BS/Chemistry should also include information about the service course offerings in that area – will they be maintained or terminated as well? Will the department maintaining these courses be renamed or consolidated with another? How will this affect the structure at the institution – are there related administrative changes included in this request?*

We are requesting termination due to an insufficient number of graduates in the program. The termination of this program will have no real impact on our supporting courses, administration or infrastructure.

2. Students. Provide enrollment data for Fall/2012, by year classification. Use the format below for reporting enrollment data for each program to be terminated if more than one termination is requested.

Program to be Terminated:	FALL 2012 Enrollment Data (Majors):					
	FR	SOPH	JR	SR	M/Sp	PhD
	0	0	NA	NA	NA	NA

3. Phase-Out Plan. Describe the phase-out (teach-out and/or transfer) plan, for each program to be terminated, that minimizes time to completion. Include a projected date for close-out of activity in the terminated degree.

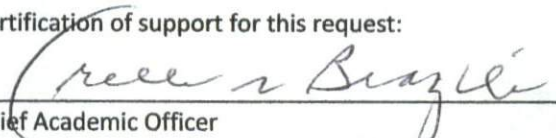
Currently, there are no students enrolled in this program and it has not been for the last two years.

4. Other Information. Present any other pertinent information.

None

For Academic Program Termination: note the SACS/COC requirements (Substantive Change) for notification, teach-out plan, and request for SACS approval following BOR approval. Please send BOR/AcAf a copy of the SACS/COC response.

Certification of support for this request:



Chief Academic Officer

3/5/13

Date

System Representative

Date

SOUTHERN UNIVERSITY AT NEW ORLEANS

Progress Report on the Collaboration Between Southern University at New Orleans (SUNO) and the University of New Orleans (UNO) and the Delgado Community College (DCC)

Preamble

Per the requirements of Act 419 of the 2011 Regular Session of the Louisiana Legislature, SUNO continued to hold dialogue with the UNO and DCC administration to practicalize the various areas of collaboration identified in the FY 2011-2012. Phone discussions and scheduled meetings were held among Chancellors, Provosts, Admission staff, Deans and Department Chairs. A delay in the implementation of certain plans between SUNO and UNO occurred as UNO took some time during the fiscal year to search for a Provost and Vice Chancellor for Academic Affairs. The position has been filled effective from February 01, 2013. At a meeting held on Friday, February 08, 2013, involving the SUNO-UNO Chancellors, Provosts, the Vice Chancellor for Student Affairs and Enrollment Services/Admissions, and several faculty from both campuses, several areas of collaboration that will support the goals of Act 419 were discussed. Based on these meetings and program meetings that have taken place after the February 08, 2013 meeting, the strategies for FY 2012-13 between SUNO and UNO, and SUNO and DCC, are outlined below.

I. SUNO - UNO Strategies for FY 2012 - 2013

A. Academic Program Enhancement

- Dual-Degree Program in Engineering

Faculty in Engineering and related disciplines on both campuses have been charged with the development of Dual-Degree Program in Engineering. The goal is to provide an avenue for students who might wish to take advantage of the lower fee at SUNO, or who are unable to meet UNO admission criteria into an engineering program outright, to take pre-requisite courses at SUNO and then transfer into an engineering program of their choice at a suitable phase of study. Unlike the existing 3+2 agreement which requires students to first earn a Bachelor's degree at SUNO, the Dual-Degree program purposely admits students to SUNO with a plan to transfer to UNO to earn an engineering degree in the specialty of their choice, i.e. Electrical, Mechanical, Civil, or Nautical.

Faculty from both institutions are finalizing the curriculum for the Dual-Degree program, and an MOU will be developed to guide the process. As planned, both SUNO and UNO will offer admission to interested students, to facilitate smooth transition to UNO. Start date envisaged is Fall 2013.

- Teaching Support in the SUNO's B.S. Forensic Science Program

Board of Regents has approved a Letter of Intent to start a B.S. Forensic Science program at SUNO. The full program proposal is being submitted for Southern University System approval at the April 2013 meeting. As SUNO has only two full-time professors teaching Chemistry courses currently, and the B.S. Forensic Science curriculum has certain major chemistry core courses additional to what SUNO offers at the moment, SUNO plans to collaborate with UNO for chemistry faculty support. This is workable since the B.S. Chemistry program at UNO has a concentration in Forensic Science. The nature of the support is being finalized by faculty on both campuses.

The collaboration is expected to save on faculty hiring costs for the degree program at SUNO.

- Joint Ph.D. in Criminal Justice

SUNO has a strong social science focus at the baccalaureate degree level and has additionally, a Master's degree program in Criminal Justice. SUNO and UNO agree that a joint Ph.D. program in Criminal Justice will help address the shortage of Criminal Justice Instructors with terminal degrees and meet the demand of top law enforcement officers to earn a doctoral in the discipline. The degree format is yet to be worked out, but may be designed to attract mature, working adults in law enforcement and paralegal careers.

Serious discussions will continue now that a Provost and Vice Chancellor for Academic Affairs has been appointed for UNO.

B. Undergraduate Admission Agreement Supporting the Retention of Louisiana High School Graduates

The admission criteria for SUNO allows students who need no more than one developmental course and ACT composite score of 20, or 19 in Mathematics or 18 in English, to be admitted as full-time students. UNO on the other hand can no longer admit students who require any developmental courses, and the ACT requirements are higher. The State of Louisiana loses students annually to neighboring states with lower ACT score requirements.

Henceforth, UNO will actively direct to SUNO students who do not meet the UNO admission criteria and prefer a four-year institution to a two-year institution. Such students will be issued a joint admission letter by UNO and SUNO allowing them to transfer back to UNO to pursue the academic program of their choice after taking needed pre-requisite courses at SUNO. This agreement is expected to play a major role in retaining Louisiana high school graduates in the state.

C. On-going Areas of Collaboration

The following existing areas of collaboration will continue:

1. Research and Grantsmanship

SUNO faculty and students continue to benefit from joint research projects sponsored by state and federal grants.

2. Cross-Enrollment Agreement

Annually, graduating seniors, especially, whose required courses are not offered by SUNO for one reason or another, take advantage of a cross-enrollment agreement with UNO to take the required courses timely. This agreement assisted many SUNO students to meet graduation requirements timely rather than waiting a whole semester or year.

II. SUNO - DCC Strategies for FY 2012 - 2013

A. 2 + 2 Agreement

SUNO and DCC has an existing 2 + 2 agreement which allows Associate degree graduates from DCC to transition smoothly to the Junior year at SUNO with 60 credits plus and earn a baccalaureate degree within two years at SUNO. Faculty members in the relevant disciplines on both campuses hold intensive meetings to reach agreement on DCC courses that are transferable to SUNO. Such an agreement exists in the following disciplines:

- B.S. Biology
- B.S. Mathematics
- B.S. Criminal Justice

During FY 2012-2013, disciplines covered by the agreement are expected to be expanded to include:

- B.A. Child Development & Family Studies
- B.S. Health Information Management Systems (HIMS)
- B.S. Management Information Systems (MGIS)

SUNO's commendable success in achieving CAHIIM accreditation for the HIMS and AACSB-International accreditation for the MGIS is encouraging the discussions. It is anticipated that the 2 + 2 agreement in the above three programs will commence in Fall 2013.

B. SUNO-Delgado Connection

Effectively FY 2011 - 2012, high school students who fail to meet SUNO's admission criteria have been actively directed to DCC (or SUSLA) to enroll in pre-requisite courses. Usually, after one or two semesters at the two-year institution, the students are admitted formally to continue with their studies at SUNO.

This initiative is promoting higher education development in the New Orleans area as many of the students benefitting from the 'connection' might simply not pursue higher education at all. The 'connection' provides a clear path of encouragement and support which the students involved badly need.

The initiative will continue and the effectiveness or otherwise will be evaluated in Fall 2013, i.e. after three semesters of operation. We anticipate that SUNO's total enrollment and completers will be positively impacted in addition to the positive contribution to the development of Louisiana higher education.

C. Cross - Enrollment

The Cross-Enrollment agreement between SUNO and DCC has supported timely completion of graduation requirements in instances where badly needed courses are not being offered at SUNO. Some graduating seniors who had failed to follow suggested course sequence often find themselves needing some lower level courses which DCC could offer. The Cross-Enrollment agreement has played significant role in the graduation process of such students.