

Mathematics is Global and Africa is an Integral Part of the Globe

A
Presentation

By

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Executive Secretary Emeritus (1975 - 2000), NAM

ECSU's CSSV Center Director (1995 – Present)

ECSU's African Studies Program Director (2002 – Present)

ECSU's Textbooks and Learning Material Program (TLMP) Director

ECSU's Global Leadership Academic Co-Coordinator

Mathematics is Global and Africa is an Integral Part of the Globe

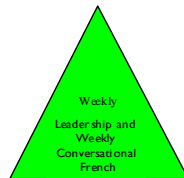
Abstract:

This presentation has four distinct parts. First, it addresses the global community of scholars in the mathematical sciences and the presenter's active involvement with this community. Secondly, the presenter discusses Africa as a unique continent, a land of many cultures. Thirdly, the presenter discusses his involvement with the mathematical science community in Africa, and finally, the presenter discusses the current major project for which he is providing leadership – writing textbooks and learning materials for sub-Saharan Africa, especially the West African country of Senegal.

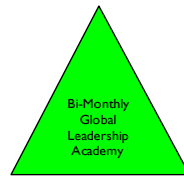
CONTINUOUS ACADEMIC YEAR ACTIVITIES OF ECSU'S AFRICAN STUDIES PROGRAM

Major Activities and Events of ECSU's African Studies Program

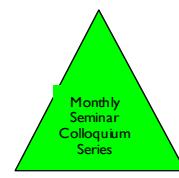
Top Row:



This group meets for lunch every Tuesday, 12:30 p.m.-1:30 p.m., mostly French is spoken.



Bi-Monthly Activities Highlighting African/African - American Global Leadership issues.



A Monthly seminar is held on the first Tuesday of each month at 4:00 p.m.



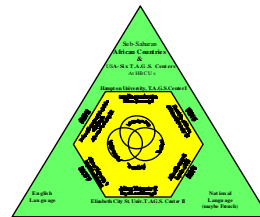
Twice A Semester Activity Highlighting African/African - American Culture in Film and Literature is presented.

• **Weekly Leadership and Conversational French Group**

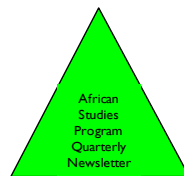
• **Bi-monthly Global Leadership Academy**

• **Monthly Seminar/ Colloquium Series**

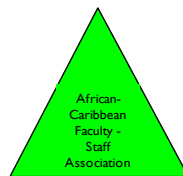
• **Monthly/Literary Film Series**



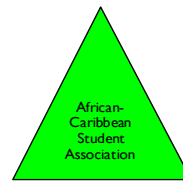
Professional Development Teams work weekly to assist in the production of 4.5 million textbooks/educational materials for selected countries in Sub-Saharan Africa for grades 1—6; in language arts, science and mathematics.



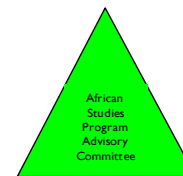
This publication is produced quarterly; it highlights the activities of the ECSU's African Studies Program — T.A.G.S. Center II.



The group meets twice a semester, usually on a first Thursday, at 12:30 p.m.—1:30 p.m., to dialogue and exchange ideas related to African/African-American Heritage and the Program.



The group meets twice a semester, usually on a third Thursday between 4:00 p.m.—4:45 p.m. to dialogue and exchange ideas related to African/African-American Heritage and the Program.



The group meets once a semester, usually on a fourth Thursday, 12:30 p.m.—1:30 p.m. to dialogue and exchange ideas related to the program and provide recommendations.

Bottom Row:

• **African Studies Program Quarterly Newsletter**

• **African-Caribbean Faculty-Staff Association**

• **African-Caribbean Student Association**

• **African Studies Program Advisory Committee**



Johnny L. Houston, Ph.D., Program Director





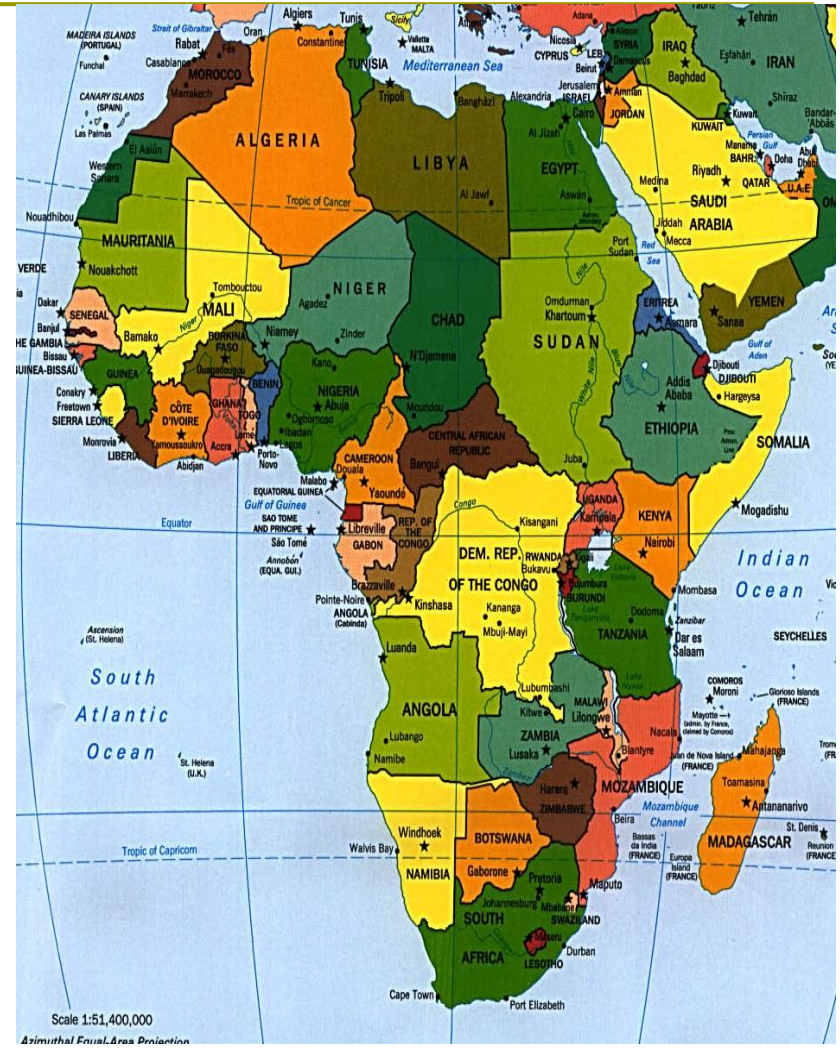


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Some Members of ECSU's African Studies Program - T.A.G.S. Center II Leadership Team
L – R: Dr. Beverlyn Cain, Dr. Saundra Copeland, and Dr. Margery Coulson - Clark

We Keep Open Communication and Exchange of Ideas / Cultures on Both Sides of the Atlantic Ocean



ECSU's AFRICAN STUDIES PROGRAM

Major Activities Planned, 2004 - 2005

- USAID African Education Initiative (AEI)
– Textbooks for a Global Society
(T.A.G.S.)
- African Introspection Week
Sept. 26 – Oct. 1, 2004
- ECSU'S Global Leadership Academy
Activities

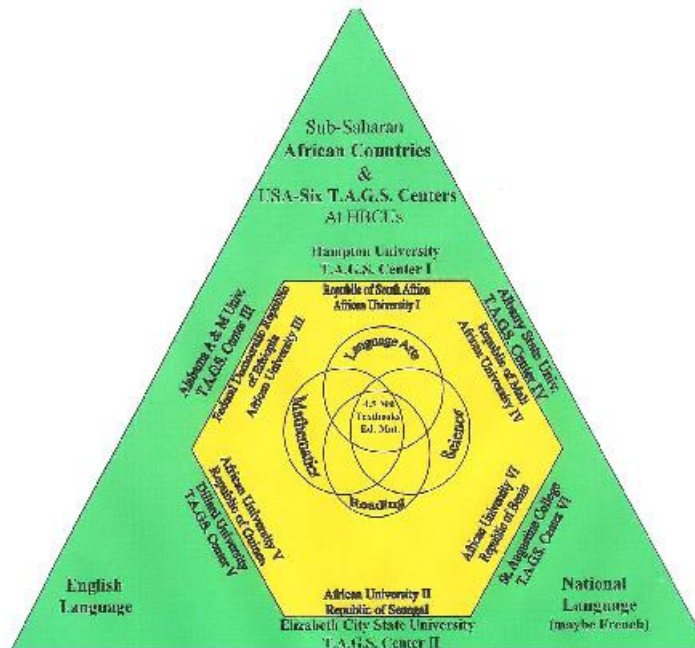


ECSU's African Studies Program T.A.G.S. Center II

Johnny L. Houston, Ph.D., Director
 214 G.R. Little Library
 A Unit of International Programs - Academic Affairs
 Elizabeth City State University, Elizabeth City, NC



President's Africa Education Initiative (AEI):
 Textbooks for A Global Society (T.A.G.S.)



T.A.G.S. Centers: HBCUs - Collaborating African Countries
 A PROGRAM FOR DEVELOPING/PRODUCING TEXTBOOKS - EDUCATIONAL MATERIALS;
 GRADES K-8: MATHEMATICS, SCIENCE, LANGUAGE ARTS, AND READING
 FOR SUB-SAHARAN AFRICAN COUNTRIES

2003 THE MAJOR EDUCATIONAL ENDEAVOR OF THE AFRICAN STUDIES PROGRAM—T.A.G.S. CENTER II 2007

T.A.G.S. Center II

A Joint Cooperative and Productive Partnership

Between

Elizabeth City State University

And

The West African Country of Senegal

Coordinated through Hampton U. and USAID – Washington, D.C.

USA HBCU Partner

- Elizabeth City State University (NC), USA

Senegal Leadership Team

- The Ministry of Education – Senegal
- L'Université' Cheik Anta Diop (UCAD) – Senegal
- USAID Mission - Senegal

ECSU'S T.A.G.S. CENTER II LEADERSHIP TEAM

- | | |
|--|---|
| 1. *Chancellor
ECSU | Mickey L. Burnim, Ph.D.
mlburnim@mail.ecsu.edu |
| 2. ECSU T.A.G.S. Center II Project Director
ECSU Professor: Math and Science | Johnny L. Houston, Ph.D.
jlhouston@mail.ecsu.edu |
| 3. Mathematics
ECSU Professor/V. Chanc.-Acad. Affairs | Carolyn R. Mahoney, Ph.D.
crmahoney@mail.ecsu.edu |
| 4. Science
ECSU Professor | Saundra Copeland, Ed.D.
<u>sscopeland@mail.ecsu.edu</u> |
| 5. Reading/Language Arts
ECSU Professor | Beverlyln Cain, Ed.D.
<u>bcain@mail.ecsu.edu</u> |
| 6. Primary Writer/Consultant/Evaluator
(A person with knowledge of life in Senegal) | Margery Coulson-Clark, Ph.D.
mmcoulson-clark@mail.ecsu.edu |
| 7. French Translator (Senegalese)
ECSU Consultant | Abdou Salam |

SENEGAL'S T.A.G.S CENTER II

LEADERSHIP TEAM

1. ***Minister of Education (MOE)**
Professor Moustapha Sourang
ineade@primature.sn
2. **MOE (INEADE)**
Chef de la Division Edition et Manuels Scolaires
Mr. Serigne Fall
souleymandiaye@yahoo.fr
3. **MOE (INEADE)**
Chef de la Division Etudes et Curricula
Mr. Cheikh Diakhqie
ineade@primature.sn
4. **(MOE)**
Director of Elementary Education
Mr. Mouhamadou Aly Sall
mendepee@sentoo.sn
5. **Professor at UCAD**
Logic Director of Mathematics
Souleymane Ndiaye
Logic_ucad@visitmail.com
6. **(UCAD)**
Former Dean, Faculty of Science
Prof. Libasse Diop
fataalay@ucad.sn /
fatalaay@hotmail.sn
7. **(UCAD)**
Dean, School of Education
Dr. Valdiodio Ndiaye
ndwaly@ucad.sn
8. **PTA President**
Advisors
Mr. Bakary Badiane
mamfenapesfape@yahoo.fr
9. **USAID Mission Director**
Mr. Olivier Carduner
ocarduner@usaid.gov
10. **USAID Educational Specialist**
Mr. Pape Sow
psow@usaid.gov

How The Partnership Works!

- **Viable Relationships Were Established.**
- **Information Was Shared.**
- **Documents Were Studied and Exchanged.**
- **Agreements Were Established.**
- **Plans Were Developed.**

We Sought Insight; We Listened; We Dialogued; We Agreed

We Planned and We Implemented Our Plans

Results Were Obtained

We Visited Senegal



We visited UCAD in Senegal





Professor Cheik A. Diop (UCAD) Visited ECSU

We Had Cultural Exchanges With Senegalese Visits to ECSU



We Exchanged Ideas At An International Conference in Swaziland



We Bonded As A Group In Africa



We Shared Our Cultures During ECSU's International Week



At ECSU We Organized In Professional Teams To Have a Division of Labor of Our Work

Language Arts/Reading Team

1. Dr. Beverlyn Cain, Chair
2. Mrs. Virginia Houston
3. Mrs. Mary Holley
4. Mrs. Elouise White

Mathematics Team Members

1. Dr. J. L. Houston and Dr. C. R. Mahoney - Co-Chairs
2. Mrs. Crystal Bonner
4. Mrs. Dorothy Johnson
5. Mrs. Makesha Spivey

Science Team Members

1. Dr. Sandra Copeland, Chair
2. Mrs. Shawn Wilson
3. Ms. Kimberly White
4. Mrs. Cheryl Bogue

Specialist Team: Artists – Translators

1. Margery Coulson-Clark, Chair
2. Abdou Salam, Translator -
Senegalase
3. Beverlyn Cain, Translator
4. Tunde Afolyan, Artist/Illustrator
5. Jamila Lewis, Illustrator
6. Art Student, Artists/Illustrator
7. Randolph Harris, Informational
Technology Specialist

Language Arts Team



Science Team



Mathematics Team



We Planned!



We Sought To Understand Our Mission And Their Culture





In June 2004

We Achieved
Our First Year
Goal.

We Delivered
Learning
Materials /
Books to the
Children of
Senegal.



Book Presentation in Dakar, Senegal June 23, 2004

Pictured in the Book Presentation Ceremony (from left to right):

Diegane Sene (Deputy Minister in Charge of Literacy, National Languages and Francophone Affairs),

Moustapha Sourang (Minister of Education in Senegal),

Richard Allen Roth (U.S. Ambassador to Senegal and Guinea-Bissau),

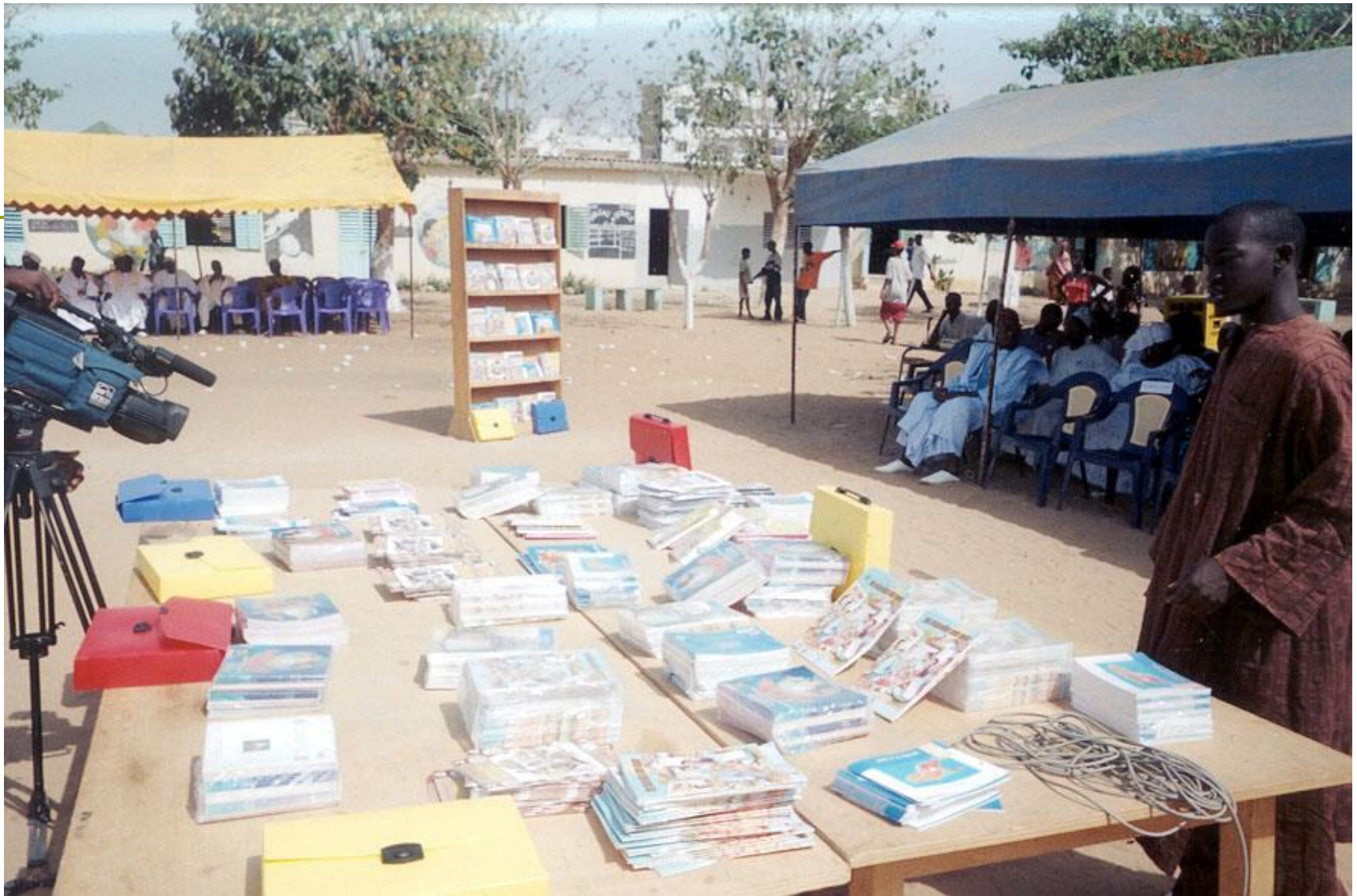
Johnny L. Houston (Elizabeth City State University, NC / ECSU's African Studies Program - T.A.G.S. Center II Program Director),

Olivier Carduner (USAID/Senegal Mission Director),

Sarah E. Moten (USAID Africa Bureau, Education Chief), and

Ibrahima Fall (Deputy Minister for Pedagogical Affairs).

USAID-African Education Initiative (AEI) provides 270,000 books for Senegalese children for the 2004-2005 Academic Year



Book Presentation Ceremony at Khar Yalla Elementary School in Dakar
June 23, 2004



Book Presentation Ceremony at Khar Yalla Elementary School in Dakar
June 23, 2004

We Celebrated Our Success In Senegal

Professor J. L. Houston, Mr. Pap Sowe (USAID Senegal)



Mr. S. Fall (MOE Senegal), Rector A. Saul (UCAD)

We Paused To Reflect On Our Success in the USA



We Are Looking Forward To A Great Second Year For Senegal!



Mr. Pape Sow, Prof. J. L. Houston and Mr. Oliver Carduner

ECSU's AFRICAN STUDIES PROGRAM

Major Activities Planned, 2004 - 2005

- ❑ USAID African Education Initiative (AEI)
 - Textbooks for a Global Society
(T.A.G.S.)
- ❑ African Introspection Week
Sept. 26 – Oct. 1, 2004
- ❑ ECSU'S Global Leadership Academy



Elizabeth City State University

AFRICAN INTROSPECTION WEEK

September 26, 2004 - October 1, 2004



Republic of Mauritius
 Capital: Port Louis, Population: 1.2 million, Area: 2,040 sq km (788 sq miles)
 Location: Southern Africa, island in the Indian Ocean, east of Madagascar
 Ethnic Groups: Indo-Mauritian 68%, Creole 27%, Sino-Mauritian 3%, Franco-Mauritian 2%
 Major Languages: English (official), French, Creole, Indian languages
 Major Religions: Hinduism, Christianity, Islam, Life expectancy: 68 years (male), 76 years (female)
 Literacy rate: 85.6 % (age 15 and over can read and write), male: 88.0%, female: 82.7%
 President: Sir Anerood Jugnauth, Prime minister: Paul Beregoir



Your Excellency
Karl Auguste Offmann
 Former President of the Republic of Mauritius

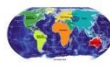
President Offmann grew up with a very meek background. Upon completing primary school, he chose to compete for a scholarship to attend secondary school and he won the scholarship. He attended the prestigious and strict La School, later known as Royal College of Port Louis, and the Technical College of Floral. So as to acquire practical knowledge and experience, he was trained at the Mauritius Railways Department. In 1963, he was approached by the team of L'Empire to work as a technician and composition sector. He worked for the paper until 1979, when he was offered the post of Director Impressionerie Free Laval, a company owned by the Roman Catholic Diocese of Port Louis and for which he worked until 1983. President Offmann's sensitivity for humanity was the driving force that placed him on the forefront of many social and political struggles for the rights, dignity and respect of the destitute. Working with the J.O.C. Movement gave President Offmann a deeper understanding of the very intricate nature of the social problems facing the poorer classes. This deeper understanding thrust him into the national and international scene. In 1964, he became committed to fighting illiteracy, poverty and other social evils on the international plane. In the succeeding years, he was responsible for coordinating many activities that promoted a better way of life on the international front. Some of these activities included coordinating activities within the Indian Ocean Islands, and organizing the first grand Meet of the African Continent in Yaounde, Cameroon in 1968. President Offmann devoted three and a half months working "in situ" preparing for the grand Meet in Cameroon. During the years 1967 - 1969, President Offmann became socially and politically involved and did extensive networking. After his marriage in 1969, he continued his involvement with the Catholic Diocese who entrusted the Presidency of the "Commission of Lay Apostolate in Mauritius". In 1976, he began to broaden his horizons and became active in politics. He held numerous government positions between 1980 and 2000. He was the Minister of Economic Planning and Development, General Secretary of the Movement of Socialist Militant (MSM) party, and also served as the President of the party. Between 1996 and 2002 he worked with the political parties of Mauritius in various important positions in parliament. His hard worked in parliament paid off in February 2002 when he was elected President of the Republic of Mauritius, a position which he held until October 2003.

An HBCU—African Collaborative Partnership
 Elizabeth City State University Boston University
 AFRICAN STUDIES PROGRAM AFRICAN PRES. ARCHIVE RSCH CTR. (APARC)



ECSU's Global Leadership Academy

A Student Organization
 Supervised By
 ECSU's International Program
 and
 ECSU's African Studies Program



SCHEDULE OF EVENTS

African Introspection Week

September 26 - October 1, 2004

SUNDAY, SEPTEMBER 26, 2004

- 5:45 p.m. - 7:00 p.m. - Freshman Candle Lighting Service
 Fine Arts Center Auditorium
- 7:15 p.m. - 8:00 p.m. - Reception for President Offmann
 Art Gallery - Fine Arts Center (Faculty and Special Guests)

MONDAY, SEPTEMBER 27, 2004

- 12:00 p.m. - 1:00 p.m. - ROUNDTABLE
 "The Challenges and Promises of Africa in the 21st Century"
 President Offmann with ECSU's Global Leadership Academy
 G.R. Little Library Board Room

TUESDAY, SEPTEMBER 28, 2004

- Traditional African Dress Day for ECSU Students/Faculty
 African Menu in Student Cafeteria (Lunch and Dinner)
- 2:15 p.m. - 3:15 p.m. - Public Address by President Offmann:
 "Socio-Economic Development in Multi-Cultural Societies"
 Fine Arts Center Auditorium (Open to Public)
- 3:45 p.m. - 4:15 p.m. - Press Conference Fine Arts Center Lobby

WEDNESDAY, SEPTEMBER 29, 2004

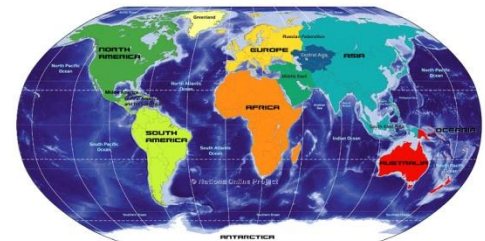
- 12:00 p.m. - 1:30 p.m. - Luncheon Dialogue:
 Africans/Caribbean Faculty-Students
 and the Global Leadership Academy
 "Education and HIV/AIDS in Africa"
 107 K.E. White Graduate Center

THURSDAY, SEPTEMBER 30, 2004

- 2:45 p.m. - 4:30 p.m. - South Africa: Past, Present and Future
 138 Jenkins Science Center (Open to Public)
- 2:45 p.m. - Documentary: The Last Stand of Apartheid
- 3:30 p.m. - Panel Discussion:
 South Africa After 10 Years of Democracy
- 4:30 p.m. - 5:00 p.m. - Reception following Seminar

FRIDAY, OCTOBER 1, 2004

- A. 2:45 p.m. - 4:30 p.m. - Seminar: Africa Union 2004 Vision:
 The Future of Africa
 138 Jenkins Science Center (Open to Public)



**Former President Karl Auguste Offmann of the Republic of Mauritius
Was Our Featured Guest At
ECSU's African Introspection Week 2004: Sept. 26 – Oct. 1, 2004**



Ambassador Carles R. Stith, Director of the African Presidential Archives and Research Center (APARC) – Boston University and Dr. Winston A. Murray, President and Founder of Tobago Community College were our special guests.

The Challenge

Africa is the only continent to have grown poorer in the past 25 years. Poverty levels in sub-Saharan Africa are the highest in the world. Half of all Africans are living in absolute poverty. Africa's share of world trade has halved in a generation. Africa is the world's worst hit region for HIV/Aids with prevalence rates up to 40% in Botswana and Swaziland. Twenty three (23) million school age girls do not go to school in Africa. Life Expectancy in Zambia is 32 and in the UK it is 78. Of the 53 countries in Africa (2002) only five (5) achieved the 7 percent growth rate required to meet the Millennium Development Goals (MDG). Of the others, 43 registered growth rates below 7 percent and 5 registered negative growth.

Meeting the Challenge

The challenge is daunting. However, progress is achievable. Accelerating progress towards the MDG depends upon change both within Africa and the International Community. Within African countries, governance needs to be strengthened, conflicts better managed and corruption stemmed. Regional and country economies need to be diversified and made more competitive and terms of trade need to be improved. The New Partnership for Africa's Economic Development (NEPAD) has outlined strategies for the next few years. In June 2001, leaders of the G8 agreed to a briefing by African leaders on the goals of NEPAD. The G8 provided an encouraging response and have met with African leaders each year since. During the week of September 26 - October 4, 2004 ECSU's African Studies Program will focus on Africa's challenge and meeting the challenge. The former President of Mauritius and the 2004-2005 Balfour African President-in-Residence at APARC will be ECSU's featured Guest during the week.

African Presidential Archives and Research Center (APARC) Hosts African Former Heads of State at Roundtable 2004 At Boston University

Six African former heads of state attended the second annual African Presidential Roundtable at Boston University on April 27-28, 2004. The former heads of states present were: His Excellency Nicephore Dieudonne Soglo of Benin; His Excellency Sir Q. Ketumile J. Masire of Botswana; His Excellency Antonio Mascarenhas Monteiro of Cape Verde; His Excellency Aristides Maria Pereira of Cape Verde; His Excellency Ali Hassan Mwinyi of Tanzania; and His Excellency Karl Auguste Offman of Mauritius, who is the APARC 2004—2005 Balfour African President-in-Residence.

Roundtable 2004 events included closed-door group discussion sessions in London on April 22 , and at Boston University on Tuesday, April 27, and Wednesday, April 28; additionally a public forum was held at 6:00 p.m. on Tuesday evening at BU's Tsai Performance Center, 685 commonwealth Ave., moderated by Karen Holmes Ward of WCVB-TV; and a black-tie dinner was held at 6:00 p.m. Wednesday at Boston's Four Seasons Hotel, hosted by Thomas P. O'Neill, III.

About the Center

The African Presidential Archives and Research Center (APARC) at Boston University is an unprecedented and unique approach to studying democratization and free market reform in Africa. Through a residency program for former democratically elected African leaders and access to their papers, and through access to present democratically elected leaders, the Center provides a forum for them to share and a venue for others to benefit from their insights and expertise.



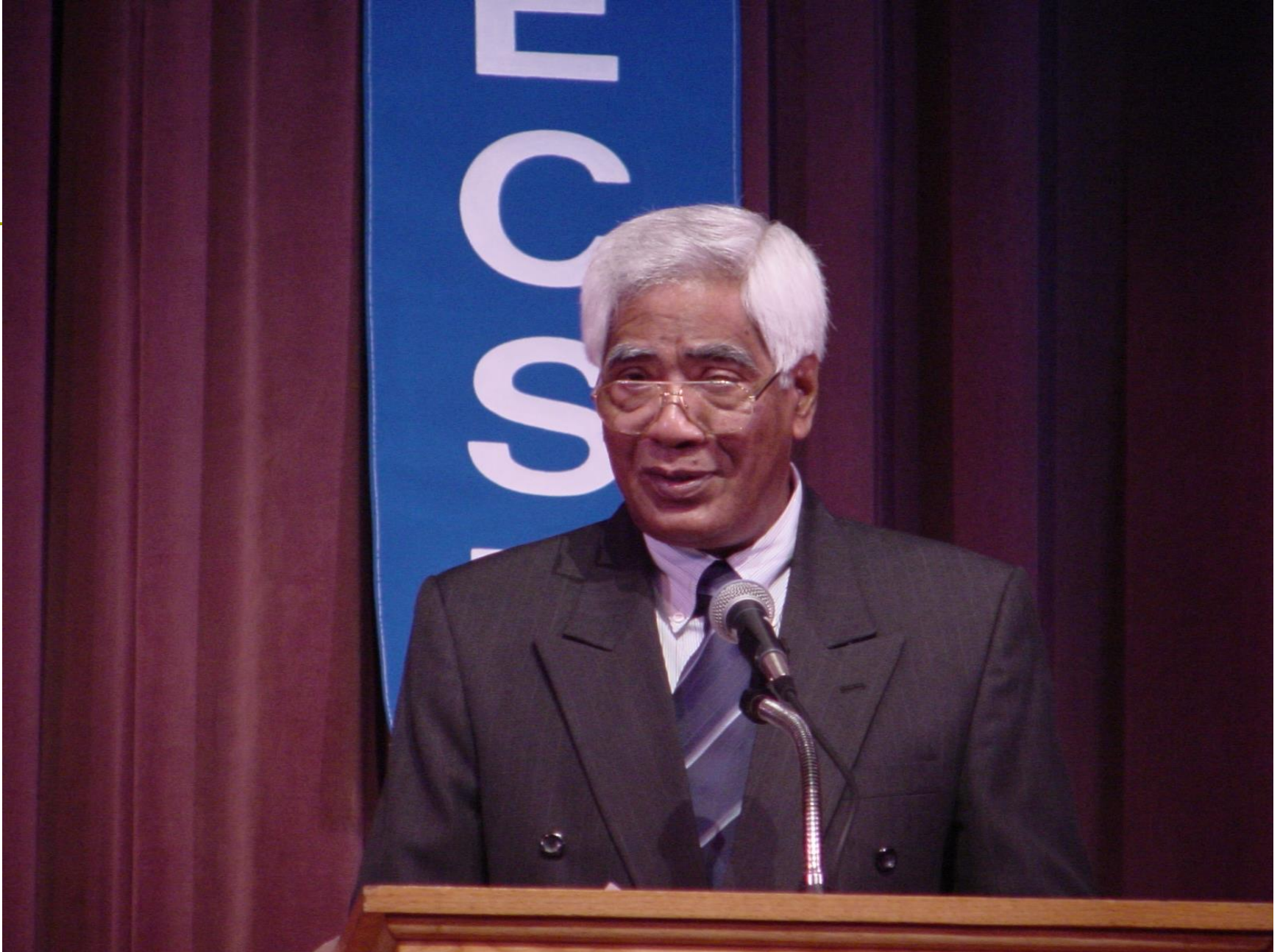
President Offmann and Ambassador Stith at the "Round Table"
With ECSU's Global Leadership Academy



President Offmann and Ambassador Stith at the "Round Table"
With ECSU's Global Leadership Academy, Students and Faculty

The Chancellor and Provost Host Dinners For Our Distinguished Guest





His Excellency, President Karl Auguste Offmann Gave major Address in Assembly Program at ECSU's Fine Arts Complex, Sept. 29, 2004



President Offmann and Ambassador Stith Met Faculty At A Reception

ECSU's AFRICAN STUDIES PROGRAM

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ECSU's Global Leadership Academy

Established: August 2004

A Student Organization under ECSU's International Program
and

ECSU's African Studies Program

Purpose:

To become very informed about international and global activities by engaging in bi-weekly activities such as seminars, colloquia series, presentations by speakers, debates, documentaries, book reviews, etc. and by participating in regional, national and international travel that will greatly enhance learning about important international and global issues; including short term study-travel abroad; gaining practical knowledge and acquiring practical skills. The Academy's primary focus is the pragmatic and ethical application of knowledge and skills required for teamwork and leadership. Specifically, member students are expected to demonstrate improved critical thinking; problem-solving, ethical decision-making, effective communication, team-building, conflict resolution, policy development and a commitment to global service. All academy members are expected to exhibit teamwork and leadership skills on ECSU's Campus. Moreover, the ideal academy member will devote approximately 500 hours yearly (including 5-8 weeks Travel – Study Abroad Activity) associated with the Academy.

Major Goals of The Academy

- A. To hold two (2) 1 ¹/₄ hour activities each month, usually on Wednesday from 5:00 p.m.-6:15 p.m.**
- B. To take two (2) trips each year (one each semester) like to Washington, DC, New York, etc. to witness or participate in global/international activities (everyone).**
- C. To participate in at least one Study - Travel Abroad activity or program each year in another country, usually during a break or the summer session (some).**
- D. To maintain an optimal membership of thirty (30) students – eight (8) seniors, juniors and sophomores and six (6) freshmen. For each student classification, at least one student must be enrolled in a major in each of the four different schools at ECSU. Also to maintain an optimum of five (5) faculty advisors, at least one from each of the four (4) different schools at ECSU.**

Student Membership Requirements

- A. Must have a G.P.A. of at least 3.0 (except freshmen)
- B. Must have declared a major at ECSU
- C. Must demonstrate some leadership interest and qualities
- D. Must demonstrate some interest in international/global issues/activities
- E. Must commit to attending all bi-weekly meetings except for excused absences.
- F. Must be nominated or recommended by a faculty member

ECSU's Global Leadership Academy

- ▣ The Group of some 40 students and 10 faculty are looking forward for an exciting academic year, 2004 – 2005.

I Thank You For Being A Kind Audience.