

## **E. GLORIA C. REGISFORD, Ph.D.**

Department of Biology  
Prairie View A&M University  
P.O. Box 942  
Prairie View, TX 77446  
(936) 261-3165  
E-mail: [gcregisford@pvamu.edu](mailto:gcregisford@pvamu.edu)

### **CURRENT POSITION**

Associate Professor  
Department of Biology  
Prairie View A&M University (PVAMU)

### **EDUCATION**

**Postdoctoral  
Fellowship**

**Biochemistry and Molecular Biology**, The University of Texas,  
M.D. Anderson Cancer Center, Houston, TX. **January 1994-August  
1997.**

**Area of Study:** Molecular cloning and function analysis of murine uterine  
heparan sulfate binding proteins: Role(s) of heparin/heparan sulfate  
binding proteins in embryo implantation.

**Ph.D.**

**Reproductive Physiology**, Rutgers, The State University of New Jersey,  
New Brunswick, NJ. **January, 1994.**

**Dissertation:** Prolactin and the Regulation of Reproductive Function in  
the Ram (*Ovis aries*)

**M.S.**

**Reproductive Physiology**, The Pennsylvania State University, University  
Park, PA. **August, 1988.**

**Thesis:** Ovulation and Lambing Rates in Progesterone-treated Anestrous  
Ewes that were Passively Immunized against Bovine Follicular Fluid

**B.S.**

**Animal Science**, The University of Rhode Island, Kingston, RI.  
**May, 1985**

## **TEACHING EXPERIENCE:**

### **ASSOCIATE PROFESSOR:**

**Department of Biology, Prairie View A & M University, 2003 to present.**

- “College Biology Lecture and Laboratory” - Biol 1113 and Biol 1111
- “Cell Biology”- Biol 3124
- “Topics in Genomics”- Biol 4013
- “Medical Terminology”- Biol 4012
- “Research”- Biol 4061 (*Bioinformatics emphasis in collaboration with Washington University, St. Louis, MO*)
- “Genomics” – Biol 5013
- “Cell Biology” – Biol 5123
- “Air Pollutants” – Biol 5053
- “Independent Study” – Biol 5993
- Developed two Undergraduate and two Graduate Courses: **Biol 4013 – “Topics in Genomics”**; **Biol 5013 – “Genomics”**; **Biol 3124 – “Cell Biology”** and **Biol 5123 – “Cell Biology”**

### **ASSISTANT PROFESSOR:**

**Department of Biology, Prairie View A & M University, 1997 to 2003.**

- “College Biology Lecture and Laboratory”- Biol 1113 and Biol 1111
- “General Biology” - Biol 1025
- “Anatomy and Physiology” - Biol 1054
- “Comparative Anatomy”- Biol 4024

### **ADJUNCT ASSISTANT PROFESSOR:**

**Department of Gynecological Oncology and Department of Health Disparities, The University of Texas, M.D. Anderson Cancer Center, 2002 to present.**

- Collaborate with Dr. Lovell Jones, Dr. Richard Hajek and Dr. Wei Zhang
- Project EXPORT- Train Minority Students in Genomics, Health Disparities and Cancer Research

### **ADJUNCT PROFESSOR:**

**Department of Natural Sciences, University of Houston, Downtown, 1996 to 1997.**

- Anatomy and Physiology
- General Biology

### **INSTRUCTOR:**

**Douglass Science Institute for High School Women, Douglass College, Rutgers, The State University of NJ, Summer 1992 and 1993.**

**Upward Bound Pre-College Program, Livingston College, Rutgers, The State University of NJ, Summer 1990 and 1991.**

- Taught Biology and Genetics to high school juniors and seniors.

### **TEACHING ASSISTANT:**

**Department of Animal Science, Rutgers University, 1989 to 1993**

- General Biology
- Pre-Veterinary Clinical Anatomy
- Taught lectures in Laboratory Animal Science Management and Techniques
- Designed and taught Beef and Sheep Production Course

## **FIELDS OF RESEARCH SPECIALIZATION**

**Reproductive Endocrinology, Cell and Molecular Biology, Genomics**

## **RESEARCH AND PROFESSIONAL EXPERIENCE**

**ASSOCIATE PROFESSOR:** Department of Biology, PVAMU, **2003 to present.**

### **Research Projects:**

- 1) Role of Kallikrein Genes in Ovarian Carcinogenesis.
- 2) Treatments Effects of Chitosan and Modified Chitosan Products on Ovarian Cancer Cells.
- 3) Role of Heparin Binding Epidermal Growth Factor like Growth Factor (HB-EGF) in Endometrial Carcinogenesis and Embryo Implantation.
- 4) Development of a Cancer Registry in St. Vincent and the Grenadines

### **Certificate of Training:**

- NIH-FAES “siRNA and Functional Genomics” (**March 2007**)
- Inside Cancer, A Workshop for Biology and Health Educators (**August 2009**)
- Silencing Genomes, A Workshop for Biology and Genetics Educators on RNA Interference (**August 2009**)
- Eukaryotic Genome Annotation, J. Craig Venter Institute, Rockville, MD. (**June 2010**)

**ADJUNCT ASSISTANT PROFESSOR:** Department of Health Disparities, The University of Texas, M.D. Anderson Cancer Center, **2006 to present.**

### **Research Project:**

- 1) Role of Kallikrein Genes in Ovarian Carcinogenesis.
- 2) High Fiber Diets and Transforming Growth Factor-Beta in Ovarian Cancer Survivors.
- 3) High Soy Diets and Testosterone Concentrations in Prostate Cancer Survivors.

**ADJUNCT ASSISTANT PROFESSOR:** Department of Gynecological Oncology, The University of Texas, M.D. Anderson Cancer Center, **2002 to 2006.**

### **Research Project:**

- 1) Microarray Analysis of Leukocytes in a Population that is Exposed to Pesticides.

**ASSISTANT PROFESSOR:** Department of Biology, PVAMU, **1997 to 2003.**

### **Research Projects:**

- 1) Expression of Heparin/Heparan Sulfate Interacting Protein (HIP) in the rat testis.
- 2) Role of Heparin/Heparan Sulfate Interacting Protein (HIP) in ovarian carcinogenesis.
- 3) Role of Heparin/Heparan Sulfate Interacting Protein (HIP) in embryo implantation in the pig.

## **RESEARCH AND PROFESSIONAL EXPERIENCE. continued:**

**VISITING SCIENTIST:** Department of Gynecological Oncology, The University of Texas M.D. Anderson Cancer Center, **2000 to 2002**

- ❖ Role of Heparin/Heparan Sulfate Interacting Protein (HIP) in Human Ovarian Cancer.

**VISITING SCIENTIST:** Department of Biochemistry and Molecular Biology, The University of Texas Medical School at Houston, **Summer, 1998**

- ❖ Expression of Heparin/Heparan Sulfate Interacting Protein (HIP) in the Rat Testis.

**POST-DOCTORAL FELLOWSHIP:** Department of Biochemistry and Molecular Biology, The University of Texas, M.D. Anderson Cancer Center, **1994 to 1997.**

- ❖ Cloning of the murine homolog of human Heparin/Heparan Sulfate Interacting Protein (hHIP).
- ❖ Developed expertise in molecular biology techniques and protein chemistry.
  - *Trained and supervised graduate and undergraduate students and volunteers*

**GRADUATE STUDY:** Department of Animal Science, Rutgers, The State University of New Jersey, **1989 to 1993.**

- ❖ Designed, conducted and analyzed scientific experiments related to reproductive physiology, endocrinology and behavior in male sheep.
  - *Supervised the research conducted by two George H. Cook honor students.*
  - *Responsible for training and supervising undergraduate students in the laboratory.*

**GRADUATE STUDY:** Department of Animal Science, The Pennsylvania State University, **1986 to 1988.**

- ❖ Effect of Passive Immunization against Bovine Follicular Fluid on Ovulation and Lambing Rates in Anestrous Ewes.

**CHEMIST:** Bristol-Myers Squibb, New Brunswick, NJ, **Summer, 1991.**

- ❖ Performed chemical analyses of drugs.

**CHIEF LIVESTOCK OFFICER:** Ministry of Agriculture, St. Vincent and the Grenadines, **1988 to 1989.**

- ❖ Implemented planned projects to improve animal agriculture in the country.
- ❖ Managed and supervised departmental extension officers in animal husbandry.
- ❖ Advised farmers through newsletters, radio programs and monthly seminars.
- ❖ Wrote monthly reports on animal agriculture for the government.

### **Proficient in the following Laboratory Techniques**

- ✓ Cell Culture
- ✓ Immunocytochemistry
- ✓ Western, Northern and Southern blot analysis
- ✓ Library screening; Cloning,
- ✓ DNA sequencing
- ✓ PCR; RT-PCR
- ✓ Radioimmunoassays

## **RESEARCH AND SCHOLARLY ACTIVITIES:**

### **PROFESSIONAL AFFILIATIONS:**

American Association for the Advancement of Science (AAAS)  
American Association for Cancer Research (AACR)  
American Society of Cell Biology (ASCB)  
Society for the Study of Reproduction (SSR) (*Member of Minority Affairs Committee*)  
The Endocrine Society

### **AWARDS:**

- **NIH Study Section: Special Emphasis Review Panel- NCI Feasibility Studies for Collaborative Interaction for Minority Institution/Cancer Center Partnership (P20), 2011.**
- American Society of Cell Biology (ASCB) Travel Award to annual meeting, **2010.**
- American Society of Cell Biology (ASCB) Minority Affairs Linkage Fellowship, **2010.**
- **NIH Study Section: Special Emphasis Review Panel- NCMHD Research Infrastructure in Minority Institutions (RIMI), 2008.**
- American Society of Cell Biology (ASCB) Travel Award to annual meeting, **2007.**
- American Society of Cell Biology (ASCB) Minority Affairs Linkage Fellowship, **2007.**
- **NIH Study Section: Special Emphasis Review Panel- NCMHD Research Center Grant applications (P20) 2007.**
- “Bio 2010: From Sequence to Systematics” Award, New York University, Leadership Alliance, January **2006.**
- The Current Topics in Genomics Research Course, National Human Genome Research Institute (NHGRI), NIH, **2004.**
- Appointed as “Member, the Texas A&M University System, Academy for Educator Development” (Cohort 4), **2003.**
- University Health Science Center/Prairie View A&M University Visiting Professorship Award, UT MD Anderson Cancer Center, **2000-2002.**
- American Society of Cell Biology (ASCB) Visiting Professorship Award, University of Texas Medical School in Houston (UT-H), Summer, **1998.**
- Bunting-Cobb Graduate Residential Fellowship, Douglass College, Rutgers University **1992 to 1993.**
- Graduate Student Scientific paper presentation award, 2nd place American Society of Animal Science, August **1992.**
- Graduate Student Scientific paper presentation award, 1st place Minorities in Agriculture, Natural Resources and Related Sciences, April **1992.**
- Graduate Student Scientific poster presentation award, 1st place, Minorities in Agriculture, Natural Resources and Related Sciences, April **1992.**
- Organization of American States Fellowship, Graduate Studies, **1986 to 1988.**
- American Society of Animal Science award for academic excellence, **1983.**

**RESEARCH AND SCHOLARLY ACTIVITIES *continued*:****GRANTS**

1. **American Society of Cell Biology (ASCB) Linkage Fellow.** ASCB. Funding Awarded (\$10,000). 2010-2011. *Principal Investigator.*
2. **Gonadotropins and Kallikrein Interactions in Ovarian Carcinogenesis.** PVAMU/Undergraduate Medical Academy Minigrant. Funding Awarded (\$10,000). 2010-2011. *Principal Investigator*
3. **Genomics/Bioinformatics Laboratory at PVAMU.** Title III – PVAMU. Funding Awarded (\$344,600). 2010. *Principal Investigator*
4. **Prairie View A & M/Baylor College of Medicine SMART Summer Undergraduate Prostate Cancer Research Project** - in collaboration with Dr. Gayle Slaughter and Dr. Nancy Weigel at Baylor College of Medicine. DOD. Funding Awarded (\$150,000). 2009-2012. *Coordinator at PVAMU.*
5. **Institutional Research and Academic Career Development Award (K12)** - in collaboration with Dr. Gayle Slaughter at Baylor College of Medicine. NIH. Funding Awarded (\$2,000,000). 2008-2013. *Coordinator at PVAMU.*
6. **Project EXPORT: “PEACE Project”**- in collaboration with Dr. Lovell Jones, M.D. Anderson Cancer Center. NIH. Funding Awarded (\$625,000). 2007-2012. *Co-Principal Investigator at PVAMU.*
7. **Capacity Building Grant at PVAMU.** USDA. Funding Awarded (\$180,000). 2007-2010. *Co-Principal Investigator.*
8. **American Society of Cell Biology (ASCB) Linkage Fellow.** ASCB. Funding Awarded (\$7,500). 2007-2008. *Principal Investigator.*
9. **Research Initiatives for Scientific Enhancement (RISE) at PVAMU.** NIH. Funding Awarded (\$600,000). 2006-2010. *Co-Principal Investigator.*
10. **Prairie View A & M/Baylor College of Medicine SMART Summer Undergraduate Prostate Cancer Research Project.** DOD. Funding Awarded (\$150,000). 2006-2009. *Coordinator at PVAMU.*
11. **Project EXPORT: “Bridging the Gap: Addressing Social Justice through Science at PVAMU”**- in collaboration with Dr. Lovell Jones, M.D. Anderson Cancer Center. NIH. Funding Awarded (\$625,000). 2003-2007. *Principal Investigator at PVAMU.*
12. **Capacity Building Grant at PVAMU.** USDA. Funding Awarded (\$300,000). 2004-2007. *Co-Principal Investigator.*
13. **Bridging the Gap to the Baccalaureate Degree at PVAMU.** NIH. Funding Awarded (\$600,000). 2003-2006. *Principal Investigator.*
14. **Research Experiences for Undergraduates at PVAMU.** NSF. Funding Awarded (\$240,000). 2002-2005. *Co-Principal Investigator.*
15. **Heparin Interacting Protein and Ovarian Cancer.** Prairie View A&M University Minigrant. Funding Awarded (\$7000). 2002-2003. *Principal Investigator.*
16. **Heparin Interacting Protein in the Pig Uterus.** NIH: MBRS Program. Funding Awarded (\$105,000). 2001-2003. *Principal Investigator.*
17. **Heparin Interacting Protein (HIP) in the Testis.** Prairie View A&M University Minigrant. Funding Awarded (\$3000). 1999-2000. *Principal Investigator.*
18. **Biochemistry of Uterine Heparan Sulfate Receptors.** NIH: Minority Supplement. Funding Awarded (\$150,000). 1994-1997. *Principal Investigator.*

**RESEARCH AND SCHOLARLY ACTIVITIES continued:****REFEREED PUBLICATIONS: (\* denotes student)**

1. Z.P. Luo, L. Carson, A. Oki, L. Adams, N. Soboyejo and **E.G.C. Regisford**, A. Holzenburg (2011) “*In situ Heating of Functionalized Carbon Nanotubes*”, **Microsc Microanal** 17 (Suppl 2):522-3.
2. Zhiping Luo, Aderemi Oki, Laura Carson, Luqman Adams, Gururaj Neelgund, Nathaniel Soboyejo, Gloria Regisford, Melisa Stewart, Kemar Hibbert, Gavannie Beharie, Cordella Kelly-Brown, Pasakorn Traisawatwong, (2011) “*Thermal Stability of Functionalized Carbon Nanotubes Studied by In-Situ Transmission Electron Microscopy*” **Chemical Physics Letters** (in press).
3. Z.P. Luo, L. Carson, A. Oki, L. Adams, N. Soboyejo and **E.G.C. Regisford** (2010) “*Grafting of Surface Chemistry of Functionalized Carbon Nanotubes*”, **Microsc Microanal** 16 (Suppl 2):1266-7.
4. Yi Lu and **Gloria C. Regisford**, 2010, “*Identify Disease Related Genes by Differentiating Pooled Microarray Expression Data*”, Proceedings of 23rd International Conference on Computers and Their Applications in Industry and Engineering (CAINE), pp. 132-137
5. Laura Carson, Cordella Kelly-Brown, Melisa Stewart\*, Aderemi Oki, **Gloria Regisford**, Julia Stone, Pasakorn Traisawatwong, Clarissa Durand-Rougely\* and Zhiping Luo, (2010) “*Grafting of Chitosan and Chitosan-trimethoxysilylpropyl methacrylate on Single Walled Carbon Nanotubes-Synthesis and Characterization*”, **Journal of Chemistry and Chemical Engineering** 4 (8/9):
6. Chris Shaffer, Consuelo Alvarez, Cheryl Bailey, Daron Barnard, Satish Bhalla, Chitra Chandrasekaran, Vidya Chandrasekaran, Hui-Min Chung, Doug Dorer, Chunguang Du, Todd Eckdahl, Jeff Poet, Donald Frohlich, Anya Goodman, Yuying Gosser, Charles Hauser, Laura Hoopes, Diana Johnson, Chris Jones, Marian Kaehler, Nighat Kokan, Olga Kopp, Gary Kuleck, Gerry McNeil, Robert Moss, Jennifer Myka, Alexis Nagengast, Robert Morris, Paul Overvoorde, Elizabeth Shoop, Susan Parrish, Kelly Reed, **E. Gloria Regisford**, Dennis Revie, Anne Rosenwald, Ken Saville, Stephanie Schroeder, Mary Shaw, Christopher Smith, Mary Smith, Eric Spana, Mary Spratt, Joyce Stamm, Jeff Thompson, Matthew Wawersik, Barbara Wilson, Jim Youngblom, Wilson Leung, David Lopatto, Sarah C R Elgin, (2010). “*The Genomics Education Partnership: Successful Integration of Research into Laboratory Classes at a Diverse Group of Undergraduate Institutions*”, **Cell Biology Education—A Journal of Life Science Education** 9:55-69
7. Carson, L., Kelly-Brown, C., Stewart, M.\*, Oki, A., **Regisford, G.**, Luo, Z., Bakhmutov, V. I., (2009) “*Synthesis and Characterization of Chitosan–Carbon Nanotube Composites*”, **Materials Letters** 63:617-620.
8. Lopatto, D, Alvarez, C., Barnard, D, Chandrasekaran, C., Chung, H.-M., Du, C., Eckdahl, T., Goodman, A. L., Hauser, C., Jones, C. J., Kopp, O. R., Kuleck, G. A., McNeil, G., Morris, R., Myka, J. L. , Nagengast, A., Overvoorde, P. J. , Poet, J. L., Reed, K. , **Regisford, G.**, Revie, D., Rosenwald, A., Saville, K., Shaw, M., Skuse, G. R. , Smith, C., Smith, M., Spratt, M., Stamm, J. , Thompson, J. S., Wilson, B. A. , Witkowski, C., Youngblom, J., Leung, W., Shaffer, V., Buhler, J., Mardis, E., Elgin, S. C. R. (2008) “*Genomics Education Partnership*”, **Science** 322: 684-5.
9. Carson, D.D., M.M. DeSouza and **E.G.C. Regisford**. (1998). “*Mucin and Proteoglycan Functions in Embryo Implantation*”. **Bioessays** 20:577-583.
10. D.H. Hoke, **E.G.C. Regisford**, J. Julian, A. Amin\*, C. Begue-Kirn and D.D. Carson. (1998). “*Murine HIP/L29 is a Heparin-binding Protein with a Restricted Pattern of Expression in Adult Tissues*”. **J. Biological Chemistry** 273:25148-25157.
11. **Regisford, E.G.C.** and L.S. Katz. (1994). “*The Effect of Bromocriptine-Treatment on the Expression of Sexual Behavior in Adult Male Sheep (Ovis aries)*”. **J. Animal Science** 72:591-597.
12. **Regisford, E.G.C.** and L.S. Katz. (1993). “*Effects of Bromocriptine-Induced Hypoprolactinemia on Gonadotropin Secretion and Testicular Function in Rams (Ovis aries) During Two Seasons*”. **J. Reproduction and Fertility** 99:529-537.

**RESEARCH AND SCHOLARLY ACTIVITIES continued:****BOOKS**

1. Julia Stone\*, E. Gloria C. Regisford, Laura Carson and Harriette Block, Laboratory Manual for Biol 1111 College Biology, *Linus Publications*, 2009.

**ABSTRACTS and PRESENTATIONS: (<sup>1</sup> denotes PI of project and major advisor of student)**

1. **E. G. C. Regisford<sup>1</sup>, PhD** A. Hicks, T.L. Taylor, J. Stone, S. Easington, M. Stewart, P. Traisawatwong, C. Kelly-Brown, and L. Carson, PhD, **2011**, “*Localization and Expression of Osteopontin in a Chitosan-Treated Ovarian Cancer Cell Line, SKOV-3*”. 102<sup>nd</sup> Annual Meeting of the American Society for Cancer Research (AACR), Orlando, FL.
2. J. Stone, T. L. Taylor, P. Traisawatwong, M. Stewart, C. Kelly-Brown, S. Easington, A. Hicks, L. Carson, PhD, and **E. G. C. Regisford<sup>1</sup>, PhD, 2010**, “*Osteopontin Protein as a Biomarker for Successful Bone Development in Human Fetal Osteoblastic Cells Treated with Carbon Nanotubes and Chitosan-3 –Trimethoxysilylpropyl Methacrylate in vitro*”. 50<sup>th</sup> Annual Meeting of the American Society of Cell Biology (ASCB), Philadelphia, PA.
3. S. Easington, T. L. Taylor, J. Stone, C. Ragin, M. Samuel, and **E. G. C. Regisford<sup>1</sup>, PhD, 2010**, “*Cancer Registry and Awareness Education Outreach in St. Vincent and the Grenadines*”. 50<sup>th</sup> Annual Meeting of the American Society of Cell Biology (ASCB), Philadelphia, PA. (**2<sup>nd</sup> place winner in poster presentation ASCB MAC poster competition**).
4. S. C. Elgin, J. DiAngelo, R. W Morris, A. Nagengast, **E. G. C. Regisford**, J. Rocklein-Canfield, A. Rosenwald, S. Smith, W. Leung, C. Shaffer, D. Lopatto7; **2010**, “*Bringing Research into the Undergraduate Curriculum: The Genomics Education Partnership*”, 50<sup>th</sup> Annual Meeting of the American Society for Cell Biology (ASCB), Philadelphia, PA.
5. T. L. Taylor, J. Stone, S. Easington, A. Hicks, C. Johnson, M. Stewart, C. Kelly-Brown, L. Carson, PhD, and **E. G. C. Regisford<sup>1</sup>, PhD, 2010**, “*Chitosan as a Potential Treatment for Ovarian Cancer*”. 50<sup>th</sup> Annual Meeting of the American Society of Cell Biology (ASCB), Philadelphia, PA.
6. A. Hicks, T.L. Taylor, J. Stone, S. Easington, M. Stewart, P. Traisawatwong, C. Kelly-Brown, L. Carson, PhD, and **E. G. C. Regisford<sup>1</sup>, PhD, 2010**, “*Osteopontin Protein Expression in a Chitosan-Treated Ovarian Cancer Cell Line*”. 50<sup>th</sup> Annual Meeting of the American Society of Cell Biology (ASCB), Philadelphia, PA.
7. Chevaun Johnson, Laura Carson, Ph.D., and **E. Gloria C. Regisford<sup>1</sup>, Ph.D, 2010**, “*HB-EGF Expression in RL95-2 Cells Treated with Estrogen and Progesterone*”, Annual Biomedical Research Conference for Minority Students, Charlotte, NC. (**winner in poster presentation Cell Biological Sciences division**)
8. Gavannie A. Beharie, Feyisayo Akindoju, Pasakorn Traisawatwong, Melisa. Stewart, Cordella. Kelly-Brown, Aderemi Oki, Ph.D., **Gloria Regisford, Ph.D** and Laura Carson, Ph.D., **2010**, “*Synthesis and Characterization of Carbon Nanotubes- Methyl Methacrylate Composites*”, Annual Biomedical Research Conference for Minority Students, Charlotte, NC.
9. Kemar Hibbert, Melisa. Stewart, Cordella. Kelly-Brown, Aderemi Oki, Ph.D., **E. Gloria C. Regisford, Ph.D.** and Laura Carson, Ph.D., **2010**, “*Water Dispersable Carbon Nonotubes Silica Hybrids*”, Annual Biomedical Research Conference for Minority Students, Charlotte, NC.
10. Antoine Hicks, Tamala Taylor, Sabrina Easington, Julia. Stone, Melisa Stewart, Pasakorn Traisawatwong, Cordella Kelly-Brown, Laura. Carson, Ph.D. and **Gloria Regisford<sup>1</sup>, Ph.D., 2010**, “*Osteopontin Protein Expression in a Chitosan-Treated Ovarian Cancer Cell Line*”. Annual Biomedical Research Conference for Minority Students, Charlotte, NC.

**RESEARCH AND SCHOLARLY ACTIVITIES continued:****ABSTRACTS and PRESENTATIONS: (<sup>1</sup> denotes PI of project and major advisor of student)**

11. Sabrina Easington, Tamala Taylor, Julia Stone, M.S., Camille. Ragin, Ph.D., Malclom. Samuel and **E. G. C. Regisford, PhD<sup>1</sup>, 2010**, “*Cancer Registry Implementation and Awareness Education Outreach in St. Vincent and the Grenadines*”. Annual Biomedical Research Conference for Minority Students, Charlotte, NC.
12. Julia M. Stone, Yetunde Olusanya , Whitney Jones, Pasakorn Traisawatwong, Laura Carson, PhD, Aderemi Oki, PhD, and **E. Gloria C. Regisford<sup>1</sup>, Ph.D., 2010**, “*Carbon Nanotubes and Chitosan as Possible Scaffolds for Bone Tissue Regeneration*”. 240<sup>th</sup> Annual Meeting of the American Chemical Society (ACS), Boston, MA.
13. **E. Gloria C. Regisford, PhD**, Tamala Taylor, Julia Stone, Rachel Chapa, Chevaun Johnson, Pasakorn Traisawatwong, Cordella Kelly-Brown, and Laura Carson, PhD, **2010**, “*Chitosan Treatment Affects TGF- $\beta$ 2 and TGF-  $\beta$  RII Expression in Two Ovarian Cancer Cell Lines*”. 240<sup>th</sup> Annual Meeting of the American Chemical Society (ACS), Boston, MA.
14. S. Elgin, S. Bhalla, A. Goodman, L. Mays-Hoopes, **G. Regisford**, A. Rosenwald, W. Leung, C. Shaffer, D. Lopatto<sup>7</sup>; **2009**, “*The Genomics Education Partnership*”, 49<sup>th</sup> Annual Meeting of the American Society for Cell Biology (ASCB), San Diego, CA.
15. J. Stone, C. Durand-Rougely, R. Ibraheem, R. Chapa, W. Jones, P. Traisawatwong, C. Kelly-Brown, M. Stewart, T. Fisher, K. Hibbert, L. Carson, A. Oki, **G. Regisford<sup>1</sup>, 2009**, “*Osteopontin Protein Expression and Secretion Patterns in hFOB 1.19 Cells Treated with Carbon Nanotubes and Chitosan-3 –Trimethoxysilylpropyl Methacrylate*”. 49<sup>th</sup> Annual Meeting of the American Society for Cell Biology (ASCB), San Diego, CA.
16. T. Taylor, C. Smith, C. Durand-Rougely, J. Stone, L. Carson, **E. C. Regisford<sup>1</sup>, 2009**, “*Chitosan Affects Proliferation and TGF- $\beta$ 2 Expression in the Ovarian Cancer Cell Line, SKOV-3*”. 49<sup>th</sup> Annual Meeting of the American Society for Cell Biology (ASCB), San Diego, CA.
17. R. D. Chapa, J. Stone, C. Durand-Rougely, L. Carson, **E. C. Regisford<sup>1</sup>, 2009**, “*Effects of Progesterone and Estrogen Treatments on Heparin Binding Epidermal Growth Factor Expression in the Uterine Epithelial Cell Line, HEC-1A*”, 49<sup>th</sup> Annual Meeting of the American Society for Cell Biology (ASCB), San Diego, CA.
18. Melisa Stewart, Laura Carson, Ph.D., Kemar Hibbert, Cordella Kelly-Brown, Aderemi Oki, Ph.D., **E. Gloria C. Regisford, Ph.D.**, Zhiping Luo, Ph.D., **2009**, “*Synthesis and Characterizations of Chitosan Grafted Derivatives*”, Annual Biomedical Research Conference for Minority Students, Phoenix, AZ.
19. Whitney Jones, **E. Gloria C. Regisford<sup>1</sup>, Ph.D.**, Julia Stone, Clarissa Durand –Rougely, Rachel Chapa, Laura Carson, Ph.D., Aderemi Oki, Ph.D. ,**2009**, “*Effects of Carbon Nanotubes and Chitosan on hFOB 1.19 Cell Proliferation and Osteopontin Protein Expression*”, Annual Biomedical Research Conference for Minority Students, Phoenix, AZ.
20. Tavis Fisher, Laura Carson, Ph.D., Melisa Stewart, Cordella Kelly-Brown, Dahlia Stoddart, Pasakorn, Traisawatwong, Richard W. Griffin, Ph.D., **E. Gloria C. Regisford, Ph.D., 2009**, “*Assessment of Growth of Radish in the Presence of Chitosan*”, Annual Biomedical Research Conference for Minority Students, Phoenix, AZ.
21. Charity A. Smith, **E. Gloria C. Regisford<sup>1</sup>, Ph.D.**, Tamala Taylor, Clarissa Durand –Rougely, Cordella Kelly-Brown, Julia Stone, Pasakorn Traisawatwong, **2009**, “*Chitosan Treatment Affects Proliferation, Morphology and the Expression of TGF- $\beta$ 2 in SKOV-3 Cells*”, Annual Biomedical Research Conference for Minority Students, Phoenix, AZ.
22. S. Elgin, S.C. Bhalla, V. Chandrasekaran, C. Coyle-Thompson, Y. Gosser, L.L. Mays Hoopes, **E. C. Regisford**, W. Wilson, C. Shaffer, D. Lopatto, **2008**. “*The Genomics Education Partnership*”. 48<sup>th</sup> Annual meeting of the American Society for Cell Biology (ASCB), San Francisco, CA.

**RESEARCH AND SCHOLARLY ACTIVITIES continued:****ABSTRACTS and PRESENTATIONS: (¹ denotes PI of project and major advisor of student)**

23. Clarissa Durand-Rougely, Sharmeka Elliott, Robert McClintock, Cordella Kelly-Brown, Laura Carson, Ph.D. and **E. G. C. Regisford<sup>1</sup>, Ph.D., 2008**, "*Effects of FSH and LH Treatment on KLK 5 Secretion, Expression and Localization in Ovarian Cancer Cells*" Annual Biomedical Conference for Minority Students, Orlando, FL, **2008 (winner in poster presentation Cell Biology division)**
24. Melisa Stewart\*, Laura Carson, Cordella Kelly-Brown\*, Aderemi Oki, **Gloria Regisford**, Zhiping Luo and Vladimir I. Bakhtmutov, **2008**. "*Synthesis and Characterization of Chitosan-Carbon Nanotube Composites*", Annual Biomedical Conference for Minority Students, Orlando, FL, **(winner in poster presentation Chemical Sciences division)**
25. Sharmeka Elliott, Robert McClintock, Stedman Douglas, Clarissa Durand-Rougely, Cordella Kelly-Brown and **E. G. C. Regisford<sup>1</sup>, Ph.D., 2008**, "*The Effects of Estrogen and Progesterone on KLK 5 Secretion and Expression in SKOV-3 Cells*", American Association for Cancer Research (AACR), San Diego, CA
26. Everton Brown, Steve Ovu, Cordella Kelly-Brown, Laura Carson, Ph.D., **E. G. C. Regisford<sup>1</sup>, Ph.D., 2008**, "*Chitosan Treatment and the Expression of TGF- $\beta$ 2 and TGF-  $\beta$ II Receptors in CaOV-3 Cells*", American Association for Cancer Research (AACR), San Diego, CA
27. Clarissa Durand-Rougely and **E. G. C. Regisford<sup>1</sup>, Ph.D., 2008**, "*Human Kallikrein 5 and Gonadotropins' Interactions in an Ovarian Cancer Cell line, SKOV-3*", 11<sup>th</sup> Biennial Intercultural Cancer Council Symposium, Washington, DC. **(winner in oral presentation competition)**
28. Sharmeka Elliott, and **E. G. C. Regisford<sup>1</sup>, Ph. D., 2008**, "*Effects of Estrogen and Progesterone on KLK 5 Expression in SKOV-3 Cell Line*", 11<sup>th</sup> Biennial Intercultural Cancer Council Symposium, Washington, DC. **(winner in oral presentation competition)**
29. Robert McClintock and **E G. C. Regisford<sup>1</sup>, Ph. D., 2008**, "*Secretion of KLK5 in SKOV-3 Cells treated with Estrogen, Progesterone, LH and FSH*", 11<sup>th</sup> Biennial Intercultural Cancer Council Symposium, Washington, DC.
30. Everton Brown, Cordella Kelly-Brown, Laura Carson, Ph. D. and **E. G. C. Regisford<sup>1</sup>, Ph.D., 2007**, "*Effects of Chitosan Treatment on the Expression of TGF- $\beta$  in CaOV-3 Cells*", Annual Biomedical Research Conference for Minority Students (ABRCMS), Austin, TX.
31. Stedman Douglas, Cordella Kelly-Brown, and **E. G. C. Regisford<sup>1</sup>, Ph.D., 2007**, "*Human Kallikrein 5 and Gonadotropins Interactions in an Ovarian Cancer Cell Line, SKOV-3*", Annual Biomedical Research Conference for Minority Students (ABRCMS), Austin, TX.
32. Randy Hines and **E. G. C. Regisford<sup>1</sup>, Ph.D., 2007**, "*Expression of HB-EGF in a Human Endometrial Cell Line, RL95-2, Treated with Estrogen and Progesterone*", Annual Biomedical Research Conference for Minority Students (ABRCMS), Austin, TX.
33. Robert McClintock, Cordella Kelly-Brown, and **E. G. C. Regisford<sup>1</sup>, Ph.D., 2007**, "*Secretion of KLK5 by SKOV-3 Cells treated with Estrogen, Progesterone, Luteinizing Hormone and Follicle Stimulating Hormone*", Annual Biomedical Research Conference for Minority Students (ABRCMS), Austin, TX.
34. Sharmeka Elliott, Cordella Kelly-Brown, and **E. G. C. Regisford<sup>1</sup>, Ph.D., 2007**, "*The Effects of Estrogen and Progesterone on KLK 5 Protein Expression in SKOV-3 Cells*", Annual Biomedical Research Conference for Minority Students (ABRCMS), Austin, TX.
35. Everton Brown, Steve Ovu, Cordella Kelly- Brown, **E. G. C. Regisford<sup>1</sup>, Ph.D.**, Laura Carson Ph.D. **2007**, "*Effects of Chitosan Treatment on Cell Proliferation, Morphology and the Expression of TGF- $\beta$ 1 in CaOV-3 Cells*", American Association for Cell Biology (ASCB), Washington, DC.

**RESEARCH AND SCHOLARLY ACTIVITIES continued:****ABSTRACTS and PRESENTATIONS: (<sup>1</sup> denotes PI of project and major advisor of student)**

36. Robert McClintock, Stedman Douglas, Sharmeka Elliot, Cordella Kelly-Brown and **E. G. C. Regisford<sup>1</sup>, Ph.D., 2007**, “*Gonadotropin Effects on the Secretion and Expression of KLK 5 in SKOV-3 Cells*”, American Association for Cell Biology (ASCB), Washington, DC
37. C. Ragin, N. McFarlane-Anderson, G. Avery, F. Bennett, A. Bovell-Benjamin, A. Brown Thompson, A. Carrington, L. Campbell-Everett, J. Ford, A. Hennis, M. Jackson, S. Lake, MC. Leske, C. Magai, A. Massey Hill, B. Nemesure, A. Neugut, F. Odedina, M. Okobia, A. Patrick, W. Best Plummer, RR. Reams, **E. G. C. Regisford**, R. Roberts, S. Scott-Hastings, S. Sharma, F. Ukoli, V. Wheeler, SY. Wu, R. Yearwood, C. Bunker, E. Taioli **2007**, AACR: The Science of Cancer Health Disparities, Atlanta, GA
38. Janice A. Chilton<sup>1</sup>, Robin Fuchs-Young<sup>1</sup>, Beverly J. Gor<sup>1</sup>, Richard A. Hajek<sup>1</sup>, James A. Heggie<sup>1</sup>, Maria A. Hernandez-Valero<sup>1</sup>, Denae King<sup>1</sup>, Sulema Luna<sup>1</sup>, **E. G. C. Regisford<sup>2</sup>**, Isabel Torres Vigil<sup>1</sup>, Lovell A. Jones<sup>1</sup>,. **2007**, “*Center for Research on Minority Health - A Model for Addressing Cancer and Health Disparities*”. 2007 National Prevention and Health Promotion Summit, Washington, DC
39. Nancy L. Weigel, Gayle R Slaughter, and **Gloria C. Regisford, 2007**. “*Prairie View A&M University/Baylor College of Medicine SMART Summer Undergraduate Prostate Cancer Research Project*”. Innovative Minds in Prostate Cancer Today (IMPACT) meeting proceedings, Atlanta, GA.
40. **E. G. C. Regisford**, Young, Ayana, Owuor-Okeyo, Theresa, **2006**. “*Expression of HB-EGF in RL95-2 Cells treated with Estrogen and Progesterone*”. 83<sup>rd</sup> Annual meeting of the Endocrine Society, Boston, MA.
41. **E. G. C. Regisford**, Kelly-Brown, Cordella, Schettino, Maria, Hajek, Richard and, **2006**. “*Expression of Transforming Growth Factor-beta (TGFβ) Receptors I and II on White Blood Cells in Ovarian Cancer Survivors*”. 100<sup>th</sup> Annual meeting of the American Society of Molecular Biology and Biochemistry (ASBMB), San Francisco, CA.
42. Owuor-Okeyo, Theresa, Young, Ayana, Carson, Laura, **E.G.C. Regisford, 2006**. “*Effects of Chitosan on Ovarian Cancer Cell Lines, SKOV-3*”. Annual Meeting of the American Association for Cancer Research (AACR), Washington, DC.
43. Keno, Kegan, **E. G. C. Regisford, 2006**. “*Relationships Between Body Mass Index, High Fiber Diets, and Serum TGF-β2 Levels in Ovarian Cancer Diets*”. Annual Biomedical Research Conference for Minority Students (ABRCMS), Anaheim, CA.
44. Kindred, Kevin, **E. G. C. Regisford, 2006**. “*The Effect of Dairy Intake on the Incidence of Prostate Cancer*”. Annual Biomedical Research Conference for Minority Students (ABRCMS), Anaheim, CA.
45. Reynolds, Aurelia, **E. G. C. Regisford, 2006**. “*How Attitudes can Affect the Cultural Differences on Prostate Cancer Screening*”. Annual Biomedical Research Conference for Minority Students (ABRCMS), Anaheim, CA.
46. Young, Ayana, Owuor-Okeyo, Theresa, Carson, Laura, **E.G.C. Regisford, 2006**. “*Chitosan Effects on Ovarian Cancer Cell Lines; SKOV-3*”. 9<sup>th</sup> Annual HBCU-UP Conference, Baltimore, MD. (**3<sup>rd</sup> place in poster competition**)
47. Ndonge, Beatrice, Schettino, Maria, Hajek, Richard and **E.G.C. Regisford, 2005**. “*Serum Levels of Genistein and Testosterone in Prostate Cancer Survivors on a High Soy Diet*”. Annual Biomedical Research Conference for Minority Students (ABRCMS), Atlanta, GA. (**2<sup>nd</sup> place in poster competition**)

**RESEARCH AND SCHOLARLY ACTIVITIES continued:****ABSTRACTS and PRESENTATIONS: (<sup>1</sup> denotes PI of project and major advisor of student)**

48. Villafranco, Brenda, Schettino, Maria, Hajek, Richard and **E.G.C. Regisford, 2005**. “*Transforming Growth Factor-beta (TGFβ) and Diet in Ovarian Cancer Survivors*”. Annual Biomedical Research Conference for Minority Students (ABRCMS), Atlanta, GA.
49. **Dickson, Mercy, Schettino, Maria, Hajek, Richard and E.G. C. Regisford<sup>1</sup>, 2005**. “*Serum levels of TGFβ in Ovarian Cancer Survivors Undergoing Nutrition Intervention*”. Southcentral Region District I & II Convention, Oklahoma Biological Field Station. (**3<sup>rd</sup> place in poster competition**)
50. **Owuor-Okeyo, Theresa, Wilmot, Nana and E.G. C. Regisford<sup>1</sup>, 2004**. “*Expression of Heparin Binding Epidermal Growth Factor like growth factor (HB-EGF) in the Pig Uterus during Early Pregnancy*”. 18<sup>th</sup> Annual Undergraduate Research Symposium, The University of Texas Medical Branch, Galveston, TX. (**3<sup>rd</sup> place in poster competition**)
51. **Owuor-Okeyo, Theresa, Wilmot, Nana and E.G. C. Regisford<sup>1</sup>, 2004**. . “*Localization of Heparin Binding Epidermal Growth Factor like growth factor (HB-EGF) in the Pig Uterus during Early Pregnancy and the Estrous Cycle*”. 9<sup>th</sup> Biennial Symposium on Minorities, the Medically Underserved & Cancer, Washington, DC.
52. **Young, Ayana, Owuor-Okeyo, Theresa, E.G. C. Regisford<sup>1</sup>, 2004**. . “*Sex-Steroid Modulation of HB-EGF Expression in RL95-2 Cells*”. Annual Biomedical Research Conference for Minority Students (ABRCMS), Dallas, TX.
53. **Johnson, A.L., J.V. Watson, F. Makori and E.G. C. Regisford<sup>1</sup>, 2003**. “*The Effect of Heparin/Heparan Sulfate Interacting Protein (HIP) on the Proliferation and Adhesion of Ovarian Cancer Cell Lines*”. Annual Biomedical Research Conference for Minority Students (ABRCMS), New Orleans, LA.
54. **Inkumsah, M., F.Makori, E.G. C. Regisford and L.E. Carson, 2003**. “*Chemical Modification of Heparin/Heparan Sulfate Interacting Protein (HIP)*”. Annual Biomedical Research Conference for Minority Students (ABRCMS), New Orleans, LA.
55. **Wilmot, Nana, K. Stringfellow, A. Johnson and E.G. C. Regisford<sup>1</sup>, 2003**. . “*Expression of Heparin/Heparan Sulfate Interacting Protein (HIP) in the Pig Uterus during Early Pregnancy*”. 17<sup>th</sup> Annual Undergraduate Research Symposium, The University of Texas Medical Branch, Galveston, TX.
56. **Simmons, D. V., Regisford, E.G.C<sup>1</sup>. and Jones, L.A. 2002**. “*Localization of Heparin Interacting Protein (HIP) in Normal and Malignant Ovarian Tissues*’. 8<sup>th</sup> Biennial Symposium on Minorities, the Medically Underserved & Cancer, Washington, DC.
57. **Johnson, A.L., S.V. Stoddard, A.M. Sutton and E.G. C. Regisford<sup>1</sup>, 2002**. “*Expression of Heparin /Heparan Sulfate Interacting Protein (HIP) in the Pig Uterus*”. 59<sup>th</sup> Annual meeting of Beta Kappa Chi/NIS and Brookhaven Summer semester Program, Columbia, South Carolina. **Robinson, S.V. Stoddard, N. Wilmot, A.L. Johnson and E.G. C. Regisford<sup>1</sup>, 2002**. “*Localization of Heparin/Heparan Sulfate Interacting Protein (HIP) in the Pig Uterus during Early Pregnancy*”. Annual Biomedical Research Conference for Minority Students (ABRCMS), New Orleans, LA.
58. **Regisford, E.G.C., D.V. Simmons and L. A. Jones. 2001**. “*Expression of Heparin Interacting Protein in Ovarian Cancer Tissue and Cell Lines*”. Annual Biomedical Research Conference for Minority Students (ABRCMS), Orlando, Florida.
59. **Regisford, E.G.C., 1999**. “*Heparin Interacting Protein (HIP) in the Rat Testis*”. Annual meeting of the Society for the Study of Reproduction, Pullman, Washington.

**RESEARCH AND SCHOLARLY ACTIVITIES *continued*:****ABSTRACTS and PRESENTATIONS:**

60. **Regisford, E.G.C.**, D.H. Hoke, J. Julian and D.D. Carson. **1997**. “*Expression and Characterization of the Murine Ortholog of Human Heparin Interacting Protein (HIP)*”. Annual meeting for Texas Forum on Female Reproduction (TFFR), Texas A&M Institute of Biosciences and Technology, Houston, TX.
61. **Regisford, E.G.C.**, D.H. Hoke, J. Julian, A. Amin and D. D. Carson. **1997**. “*Expression of Heparin Interacting Protein (HIP) in Mouse Reproductive Tissues*”. Annual meeting of the Society for the Study of Reproduction, Portland, Oregon.
62. **Regisford, E.G.C.**, D.H. Hoke, P. Li and D.D. Carson. **1996**. “*Cloning of a Putative Murine Ortholog of Human Heparin Interacting Protein (HIP)*”. Annual meeting for Texas Forum on Female Reproduction (TFFR), Texas A&M Institute of Biosciences and Technology, Houston, TX.
63. **Regisford, E.G.C.**, D.H. Hoke, and D.D. Carson. **1996**. “*Cloning and expression of a putative murine ortholog of human heparin interacting protein (HIP)*”. Annual meeting of the Society for the Study of Reproduction, London, Ontario, Canada.
64. **Regisford, E.G.C.** and L.S. Katz. **1994**. “*Testicular Receptors are Dependent on Serum Prolactin Concentration in the Ram (Ovis aries)*”. Annual meeting of the Society for the Study of Reproduction, Ann Arbor, MI.
65. **Regisford, E.G.C.** **1993**. “*Effects of Endogenous Prolactin Secretion on Testicular Steroidogenesis in vitro*”. Annual Meeting of the Society for the Study of Reproduction, Fort Collins, CO.
66. Katz, L.S., S. Willens, **E.G.C. Regisford** and S.V. Radecki, **1992**. “*The Prolactin (PRL) Response of Rams to Sexual Activities with Conspecifics in Various Social Environments*”. Annual Meeting of the Society for the Study of Reproduction, Raleigh, NC.
67. **Regisford, E.G.C.** and L.S. Katz. **1992**. “*The Effect of 2-Bromo- $\alpha$ -ergocriptine (CB-154) Treatment on Sexual Behavior in Rams During Two Seasons*”. Annual Meeting of the American Society of Animal Science, Pittsburgh, PA. (**2<sup>nd</sup> place in oral presentation**)
68. **Regisford, E.G.C.** and L.S. Katz. **1992**. “*Prolactin and Sexual Behavior in Rams*”. Annual Meeting of the Society for Minorities in Agriculture, Natural Resources and Related Sciences, Purdue University, Lafayette, IN. (**1<sup>st</sup> place in oral presentation**)
69. **Regisford, E.G.C.** and L.S. Katz. **1992**. “*The Effects of Prolactin Suppression on Ram Testicular Function*”. Annual Meetings of the Society for Minorities in Agriculture, Natural Resources and Related Sciences, Purdue University, Lafayette, IN. (**1<sup>st</sup> place in poster presentation**)

## **ACADEMIC AND PROFESSIONAL SERVICE:**

### **THESIS ADVISOR:**

- Master of Science in Biology: **Ebonee Williams. 2013.** PVAMU.
- Master of Science in Biology: **Tamala Taylor, 2011.** PVAMU.
- Master of Science in Biology: **Julia Stone. 2009.** PVAMU.
- Master of Science in Biology: **Angela Reeves. 2009.** PVAMU.

### **THESIS COMMITTEE MEMBER:**

- Master of Science in Animal Science: **Shaye Lewis. 2004.** PVAMU
- Master of Science in Animal Science: **Grantley Adams. 2004.** PVAMU
- Master of Science in Chemistry: **Nana Mogongwa. December 2002.** PVAMU
- Master of Science in Biology: **Falanda M. Limar. May 9, 1998.** PVAMU

### **ADVISOR/MENTOR:**

- Collegiate Cancer Council (CCC) Chapter, **2006 to present.**
- Department of Biology, Prairie View A&M University, **1997 to present.**
- Department of Biochemistry and Molecular Biology, The University of Texas, M.D. Anderson Cancer Center (UTMDACC), **1994 to 1997.**
- Bunting-Cobb Residence Hall, Residence for Women in Math, Science and Engineering. Douglass College, Rutgers University, **1992 to 1993.**
- Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS), Cook College, Rutgers University, **1991 to 1993.**
- Department of Animal Science, Rutgers University, **1990 to 1993.**

### **RESEARCH ADVISOR: Graduate Students:**

1) Julia Stone - 2009

**Project Title:** Osteopontin Expression in Human Fetal Osteoblastic Cells (hFOB1) that were treated with Carbon Nanotubes (CNTs ) and Chitosan derivatives.

2) Tamala Taylor - 2011

**Project Title:** Chitosan Treatment and Transforming Growth Factors and Receptors in Ovarian Carcinogenesis.

3) Ebonee Williams - 2013

**Project Title:** Modified Chitosan Derivatives and Ovarian Carcinogenesis.

**ACADEMIC AND PROFESSIONAL SERVICE continued:****RESEARCH ADVISOR: Undergraduate Students**

#	Student Names	Years in Laboratory/Mentoring	Institution
1	Candace Croney	Fall 1990 to Spring 1991	*Rutgers University
2	Peggy Ryan	Fall 1990 to Spring 1991	*Rutgers University
3	Heather Billings	Spring 1992 to Fall 1993	*Rutgers University
4	Asna Amin	Fall 1996 to Spring 1997	* M.D. Anderson Cancer Center
5	Annisa Johnson-Lewis	Fall 2001 to Fall 2003	PVAMU
6	Anthony Sutton	Fall 2001 to Spring 2003	PVAMU
7	Frederick Makori	Fall 2001 to Spring 2003	PVAMU
8	Shana Stoddard	Fall 2001 to Spring 2003	PVAMU
9	Denard Simmons	Summer 2001	* M.D. Anderson Cancer Center
10	Charcacia Sanders	Fall 2003 to Spring 2004	PVAMU
11	Nana Wilmot	Fall 2003 to Spring 2005	PVAMU
12	Kendre Stringfellow	Fall 2003 to Spring 2005	PVAMU
13	Jimetra Watson	Fall 2004 to Spring 2005	PVAMU
14	Mercy Dickson	Summer 2004 to Fall 2005	PVAMU
15	Theresa Okeyo-Owuor	Fall 2004 to Spring 2007	PVAMU
16	Ayana Young	Summer 2005 to Spring 2006	*PVAMU/ HCCS
17	Beatrice Ndonge	Summer 2005	*PVAMU/ HCCS
18	Brenda Villafranco	Summer 2005	*PVAMU/ HCCS
19	Julian Restrepo	Spring 2006 to Fall 2006	PVAMU
20	Charles Hunter	Fall 2006 to Spring 2007	PVAMU
21	Steve Ovu	Fall 2006 to Spring 2007	PVAMU
22	Kegan Keno	Summer 2006	*PVAMU/ HCCS
23	Aurelia Reynolds	Summer 2006 to Spring 2007	PVAMU
24	Kevin Kindred	Summer 2006 to Spring 2007	PVAMU
25	Randy Hines	Summer 2007	PVAMU
26	Stedman Douglas	Summer 2007 to Spring 2008	PVAMU

**ACADEMIC AND PROFESSIONAL SERVICE continued:****RESEARCH ADVISOR: Undergraduate Students**

#	Student Names	Years in Laboratory/Mentoring	Institution
27	Chidinma Ebede	Fall 2007 to Fall 2008	PVAMU
28	Robert McClintock	Summer 2007 to Spring 2008	PVAMU
29	Sharmeka Elliott	Summer 2007 to Fall 2008	PVAMU
30	Clarissa Durand-Rougely	Fall 2007 to Fall 2009	PVAMU
31	Rabiu Ibraheem	Fall 2007 to Fall 2009	PVAMU
32	LaJerald Augustine	Fall 2008 to Summer 2009	PVAMU
33	Yetunde Olusanya	Spring 2009 to Spring 2010	PVAMU
34	Sharon Ibarra	Spring 2009 to Spring 2010	PVAMU
35	Malcolm Banks	Summer 2009	PVAMU
36	Mykeyia Dawkins	Summer 2009	PVAMU
37	Whitney Jones	Fall 2009 to Spring 2010	PVAMU
38	Charity Smith	Fall 2009 to Spring 2010	PVAMU
39	Ralston Lockett	Fall 2009 to Spring 2010	PVAMU
40	Chevaun Johnson	Spring 2010	PVAMU
41	Sabrina Easington	Spring 2010 to Fall 2010	PVAMU
42	Antoine Hicks	Summer 2010 to present	PVAMU
43	Deforest Peterson	Fall 2010 to presebt	PVAMU
44	Daniel Macaulay	Spring 2011 to present	PVAMU
45	Jasmine Hales	Spring 2011 to present	PVAMU
46	Okoia Uket	Spring 2011	PVAMU

**ACADEMIC AND PROFESSIONAL SERVICE continued:**

**SEMINAR SPEAKER:**

- The St. Vincent Girls' High School Centennial Graduation, St. Vincent and the Grenadines, **June 21, 2011** "100 years of Excellence; Where Tradition Meets Tomorrow". *Keynote Speaker.*
- **Department of Physics, PVAMU, October, 2006. From Embryo Implantation to Cancer.**
- **Induction Ceremony for Beta Beta Beta**, the Biological Honor Society, Sigma Chi Chapter, Dept. of Biology, Prairie View A&M University, Prairie View, TX. **October 21, 1997; October 25, 2001. Keynote Speaker.**
- **RIMI Program at Spelman College, Atlanta, GA. January 25, 2000. Heparin Interacting Protein (HIP) in Reproductive tissues.**
- **Prairie View Sigma Xi Chapter**, Dept. of Biology, Prairie View A&M University, Prairie View, TX. **April 20, 1998; November 1, 1999.**
- **Earth Day, Cornelius Math & Science Academy**, Harris County Independent School District, Houston TX. **April 22, 1998.**
- **Career Day, M.B. Smiley High School**, North Forest Independent School District, Houston, TX. **April 22, 1998.**
- **Career Awareness Week, Palmer Elementary School**, Fort Bend Independent School District, Missouri City, TX. **May 28, 1997.**
- **M.D. Anderson Cancer Center Genes and Development Science Retreat**, North Padre Island, Texas. **March 1-3, 1996.**

**CHAIR/CO-CHAIR of Oral Sessions**

- Association of Research Directors (ARD) 2011 Symposium, Graduate Student Oral Research Competition, "Emerging Technologies", Atlanta, GA. **March 29, 2011**
- Association of Research Directors (ARD) 2009 Symposium, Graduate Student Oral Research Competition, "Emerging Technologies", Atlanta, GA. **March 29, 2009**
- Women's Council for Leadership and Service: Women in Service to Humanity-**The PV Woman: What is She Good For?** PVAMU. **September 15, 2006**
- **Session on Cell and Molecular Biology**, Annual Biomedical Conference for Minority Students (ABRCMS), Atlanta, GA. **November 5-8, 2005**
- **Session on Colorectal Cancer**, Intercultural Cancer Council (ICC), Washington, DC. **March 23-28, 2004**
- **Session on Cell and Molecular Biology**, Intercultural Cancer Council (ICC), Washington, DC. **February 6-10, 2002**
- **Session on Implantation/Early Development**, Society for the Study of Reproduction (SSR), Portland, OR. **August 2-5, 1997.**
- **Session on Uterine Biology**, Texas Forum on Female Reproduction (TFFR), Texas A&M Institute of Biosciences and Technology, Houston, TX. **May 1996.**
- **Session on Gonadal Function**, Society for the Study of Reproduction (SSR), University of Michigan, Ann Arbor, MI. **July 24-27, 1994.**

**ACADEMIC AND PROFESSIONAL SERVICE, continued:**

**COORDINATOR**

- STEAM (Science, Technology, Engineering, Agriculture and Mathematics) Research Symposium, at PVAMU, **February 26, 2010, March 4, 2011.**
- NIH “Institutional Research and Academic Career Development Award (K12)” at Baylor College of Medicine, **2008-present.**
- DOD “Summer Research Program on Prostate Cancer” at Baylor College of Medicine, **2006-present.**
- Capacity Building Grant program at PVAMU, **2003-2007.**
- “Topics in Genomics”, Department of Biology, Prairie View A&M University, October, **2003 – present.**
- Research Experiences for Undergraduates program at PVAMU, **2003-2006.**
- Annual Research Symposium, Department of Biology, Prairie View A&M University, October, **1998 - present.**
- Journal Club for Graduate Students in Reproduction, Department of Animal Sciences, Rutgers University, **1990 to 1993.**

**COMMITTEE MEMBER:**

- Texas Multicultural Women, Houston, Texas, **Core Board Member, 2010 to present.**
- Caribbean Impact Foundation, Houston, Texas, **Advisory Board Member, 2010.**
- PVAMU Honors College Exploratory Committee, Office of the President, PVAMU, **Co-Chair, 2008.**
- Curriculum Instruction Committee, Department of Biology, PVAMU, **Co-Chair, 2007 to present.**
- Graduate Program Committee, Department of Biology, PVAMU, **Co-Chair, 2007 to present.**
- Research Collaboration Committee, Department of Biology, PVAMU, **Co-Chair, 2007 to present.**
- Faculty Performance Evaluation Instrument Committee, Department of Biology, PVAMU, **2007 to present.**
- Technology and Web Course Construction Committee, Department of Biology, PVAMU, **2007 to present.**
- Institutional Review Board (IRB) Committee, PVAMU, **2006 to 2008.**
- PreView- Newsletter, The College of Arts and Sciences, PVAMU, Co-Editor, **2006 to present.**
- Post-Tenure Review Committee: Physics and Chemistry Department, PVAMU. **2005.**
- The Texas A&M University System, Academy of Educator Development (Cohort 4) **2003 to present**
- Committee for Minority Affairs; Society for the Study of Reproduction (SSR), **2003 to present**
- Faculty Senate, Prairie View A&M University, **2003-2005**

**ACADEMIC AND PROFESSIONAL SERVICE, *continued*:**

**REVIEWER:**

- **NIH Study Section:** Special Emphasis Review Panel- NCI Feasibility Studies for Collaborative Interaction for Minority Institution/Cancer Center Partnership (P20), **2011**.
- **NIH Study Section:** Special Emphasis Review Panel- NCMHD Research Infrastructure in Minority Institutions (RIMI) Grant applications (**2008**).
- **NIH Study Section:** Special Emphasis Review Panel- NCMHD Research Center Grant applications (P20) (**2007**)
- Genomics exercises for an introductory genetics textbook, Pearson Benjamin Cummings (**2007**)
- Abstracts for the Annual Biomedical Research Conference for Minority Students (ABRCMS) (**2002-2010**)
- Abstracts for Intercultural Cancer Council (ICC) (**2002, 2004, 2006**).
- Abstracts for Society for the Study of Reproduction annual meeting (**1996**).
- Biology of Reproduction journal (**1993**).

**JUDGE:**

- **Annual Biomedical Research Conference for Minority Students (ABRCMS), 2002-2011.**
- **Intercultural Cancer Council, 8th Biennial Symposium on Minorities, the Medically Underserved & Cancer, Poster Session, Washington, DC. 2002, 2004, 2006.**
- **Science Engineering Fair of Houston, Houston, TX. 1997- 2011.**
- **Science, Engineering and Mathematics Day, Spelman University, Atlanta, GA. March 14<sup>th</sup>, 2003.**
- **NAACP ACTSO - Annual National Association for Advancement of Colored People – Academic, Cultural, Technological and Scientific Olympics, Saturday April 16<sup>th</sup>, 1994.**

**REFERENCES**

Larry S. Katz, Ph.D.  
88 Lipman Drive  
Martin Hall, Room 309  
Rutgers, The State University of New Jersey  
New Brunswick, NJ 08903  
(732) 932-5000 x581  
(732) 932-3759 (Lab)  
(732) 932-6633 (Fax)  
E-mail: [katz@aesop.rutgers.edu](mailto:katz@aesop.rutgers.edu)

Carol A. Bagnell, Ph.D.  
P.O. Box 231  
Department of Animal Sciences  
Rutgers, The State University of New Jersey  
New Brunswick, NJ 08903  
(732) 932-9095  
(732) 932-6996 (Fax)  
E-mail: [bagnell@aesop.rutgers.edu](mailto:bagnell@aesop.rutgers.edu)

Daniel D. Carson, Ph.D.  
Rice University Weiss School of Natural Sciences – MS 102  
203 Keck Hall  
P.O. Box 1892  
Houston, Texas 77251 - 1892  
(713) 348-3350  
(713) 348-6149 (Fax)  
E-mail: [dcarson@rice.edu](mailto:dcarson@rice.edu)

Lovell A. Jones, Ph.D.  
Department of Health Disparities  
1515 Holcombe Blvd-304  
University of Texas, M.D. Anderson Cancer Center  
Houston, TX 77030-4009  
(713) 792-2760  
(713) 792-3575 (Fax)  
E-mail: [lajones@mdanderson.org](mailto:lajones@mdanderson.org)

**REFERENCES**

Gayle Slaughter, Ph.D.  
Baylor College of Medicine  
One Baylor Plaza, MS N215 DeBakey Building  
Houston, TX 77030  
(713) 798-6644  
(713) 798-6325 (Fax)  
E-mail: [gayles@bcm.edu](mailto:gayles@bcm.edu)

Harriette Howard-Lee Block, Ph.D., Department Chair,  
Department of Biology,  
Prairie View A&M University,  
P.O. Box 519, MS 2210  
Prairie View, TX 77446  
(936) 261-3160  
(936) 261-3179 (Fax)  
E-mail: [hlblock@pvamu.edu](mailto:hlblock@pvamu.edu)