

**CURRICULUM VITAE  
TOMAR GHANSAH, PH.D.**

**BUSINESS ADDRESS:**

University of South Florida  
Department of Molecular Medicine  
MDC 7, Tampa, Florida, 33612  
Phone: 813-974-1825  
E-mail: [Tghansah@health.usf.edu](mailto:Tghansah@health.usf.edu)  
*Citizenship: Memphis, Tennessee*

**PROFESSIONAL CAREER:**

- 2016-current      **Associate Professor, University of South Florida, College of Medicine, Molecular Medicine Department** Research Focus: Investigate the molecular mechanisms by which Src Homology Inositol Phosphates (SHIP) contribute to the pathogenesis of cancer (i.e. pancreatic) and Type II Diabetes (T2D). Also teach immunology courses to graduate and medical students as well as train technicians, graduate, undergraduate and medical students in the College of Medicine. *Primary Appointment.*
- 2014 - current      **Collaborative Member, Immunology Program Moffitt Cancer Center**  
I am an active member of the Immunology Program at Moffitt. I attend faculty meetings and seminars, give seminars and lectures to graduate students in their program, etc. I also collaborate with other tumor immunologists within the department, which has garnered several publications and grants. *Secondary Appointment.*
- 2011 - current      **Assistant Director of Diversity Ph.D. and Postdoctoral Education**  
My administrative role is to assist (Dr. Bob Deschenes, Interim Director of Ph.D Program) with the recruitment, training, retention of minority students and post-doctoral fellows. In addition, my passion is to motivate and impart my research knowledge and skills upon aspiring healthcare professionals, especially those who are underprivileged and, or, underrepresented.
- 2009- 2015      **Assistant Professor, University of South Florida, College of Medicine, Molecular Medicine Department** Research Focus: Investigate the molecular mechanisms by which Src Homology Inositol Phosphates (SHIP) contribute to the pathogenesis of cancer (i.e. pancreatic) and Type II Diabetes (T2D). Also teach immunology courses to graduate and medical students as well as train technicians, graduate, undergraduate and medical students in the College of Medicine. *Primary Appointment.*

11/06 - 1/09 **Research Scientist, Research Assistant Professor, Moffitt Cancer Center**, James A. Haley Veteran Administration and Moffitt Cancer Center at the University of South Florida, Tampa Florida. (Mentor Dr. P. K. Epling-Burnette). I successfully developed methods to evaluate Human Stem Cells (from cancer and non-cancer patients) transplanted, engrafted and differentiated into mature lineages using a humanized animal model, known as “NOG” mice.

08/03 – 07/06 **Research Assistant Professor, Department of Immunology and Oncology Program at H. Lee Moffitt Cancer Center and Research Institute at the University of South Florida, Tampa, Florida.** I contributed to several scientific hypotheses that were developed into funded projects. I also wrote grants that produced funding for my research lab and my salary support. In addition, I advised and trained technicians, undergraduate and graduate students regarding scientific protocols and their future career choices.

02/00 – 08/03 **Post-Doctoral Fellow and Adjunct Faculty, Department of Immunology and Oncology at H. Lee Moffitt Cancer Center and Research Institute at the University of South Florida, Tampa, Florida.** (Advisor: Dr. William Kerr). Invited to write a chapter for a book entitled “*A role for the SH2 Containing Inositol Phosphatase in the Biology on Natural Killer Cells and Stem Cells*”. This book was published in 2001. In addition, I advised and trained technicians, undergraduate and graduate students to become proficient in various laboratory protocols and experimentation, and provided mentorship for them to make good career choices in their future endeavors.

#### **EDUCATION:**

09/94 – 08/99 **Ph.D., Microbiology, Meharry Medical College, Nashville, Tennessee. Mentor: Dr. Fatima Lima.** Dissertation entitled “Elucidation of Signal Transduction Pathways of the Putative Epidermal Growth Receptors on *T. cruzi* Amastigotes”. Worked on my dissertation entitled “EGF-Induced Signal Transduction Pathways in *Trypanosoma cruzi* Amastigotes”. (Preceptor: Dr. Maria de Fatima. Lima). During my matriculation as a graduate student at MMC, I was awarded first place for Research Day multiple times. In addition, I was awarded a pre-doctoral fellowship from Southern Regional Educational Broad (SREB). I also collaborated with other graduate students and trained technicians and undergraduate students that joined the lab.

09/90 – 05/94 **B.S., Biology-Zoology, Tennessee State University, Nashville, Tennessee, Mentor: Dr. Elbert Myles.** Research project entitled “*Identifying Stress Proteins in “Phaseolous vulgaris (Crop Plant)”*”. I was the recipient of 1<sup>st</sup> place Scientific Award for several research projects. Dr. Myles was my main steering mentor who provided guidance and exposure to strongly influence my decision to pursue and conduct active research investigation in science.

**TRAINING:**

08/98-12/98 **Teaching Assistant, Biomedical Core Lab, Meharry Medical College, Nashville, TN.** Prepared all lab experiments and taught scientific protocols to graduate students.

08/97-12/97 **Teaching Assistant, Medical Microbiology, Department of Microbiology, Meharry Medical College.** Prepared all lab experiments and instructed graduate and medical students.

Summer, 1997 **Instructor, Biomedical Research Summer Program, Meharry Medical College.** Taught Cell Biology, Parasitology, Signal Transduction and laboratory techniques to undergraduate students from a variety of Historical Black Colleges and Universities (HBCU).

04/94 - 6/94 **Fisk University Biotechnology Summer Program, Nashville, Tennessee.** Participated in this research program that consisted of a group of other undergraduate students pursuing a career in sciences. We learned essential Molecular Biological Techniques that were taught by Dr. Gunasakeran and his graduate students.

08/93 - 01/94 **Research Assistant, Meharry Medical College, Pharmacology Department.** Conducted scientific experiments that viewed the Behavioral Effects of Drugs Abuse in Different Strains of Mice and Rats, results evaluated using the Elevated Plus Maze. I worked at night (timely behavioral studies with mice) for Dr. Onaivi at Meharry while finishing up my B.S. degree at Tennessee State University.

04/93 - 6/93 **Summer Research Student, Meharry Medical College, Research Center for Excellence Summer Research Program.** Participated in Recombinant DNA Technology, Parasitology and Oncology Research program taught by Dr. Gautam Chadhuri and his graduate students.

08/91 - 05/94 **Laboratory Technician, Tennessee State University, Biology Department, Nashville, TN.** Tissue Culture, Cell-Line Maintenance and Molecular Biology Techniques. (Dr. E. L. Myles (Geneticist). I learned essential basic laboratory skills, such as sterile techniques, cell culturing and making solutions, as an undergraduate student at Tennessee State

University.

**GRANT SUPPORT:**

**FUNDED:**

USF BOOST GRANT

PI: Tomar Ghansah, Ph.D.

Title: *SHIP-1 Expression in Correlation with MDSC Percentages from Peripheral Blood of Pancreatic Cancer Patients (Clinical Project).*

Submitted 2018-2019, \$50,000/year

James Esther King Biomedical Research Grant Florida Department of Health

PI: Tomar Ghansah, Ph.D.

Title: *SHIP-1: A Potential New Molecular Target for the Treatment of Pancreatic Cancer*

Submitted 10/05/17- 10/05/22, \$300,000/year

**PENDING:**

National Cancer Institute (NCI)/ National Institute Health (NIH)

PI: Tomar Ghansah, Ph.D.

Title: (R01) The Role of SHIP-1 in Pancreatic Cancer

Submitted 2/1/18 – 6/5/22, \$250,000/year

National Cancer Institute (NCI)/ National Institute Health (NIH)

PI: Tomar Ghansah, Ph.D.

Title: (R21) Bioflavonoid Improves MDSC Homeostasis and Immune Checkpoint Immunotherapy Responses for Pancreatic Cancer Scored 32 % Percentile

Submitted 10/1/17 – 6/5/21, \$125,000/year

**COMPLETED:**

USF Bridge Grant

PI: Tomar Ghansah, Ph.D.

Title: *The Role of SHIP-1 in Pancreatic Cancer (Completion of NIH NCI RO1/R21 Grants)*

Submitted 11/01/17- 11/01/18, 40,000/year

National Cancer Institute (NCI)/ National Institute Health (NIH)

PI: Tomar Ghansah, Ph.D.

Title: (R21) The Role of SHIP-1 Modulation of Immunoregulatory Cells in Pancreatic Cancer

Awarded 4/1/14 -4/1/16, \$100,000/year

No Cost Extension 4/1/17

National Cancer Institute (NCI)/ National Institute Health (NIH)<sup>[SEP]</sup>

PI: Tomar Ghansah, Ph.D.

R21 (*Diversity Supplement*)<sup>[SEP]</sup>Title: The Role of SHIP-1 Modulation of Immunoregulatory Cells in Pancreatic Cancer<sup>[SEP]</sup>

Awarded 4/1/14 -1/1/15, \$40,000

Eleison Pharmaceuticals, Inc

PI: Tomar Ghansah, Ph.D. Research Agreement

Title: Insulin Effects on Glufosamide Antitumor Activity in Murine Pancreatic Cancer<sup>[SEP]</sup>

Awarded 11/15/2013 – 04/15/2014, \$25,000

Florida High Tech Corridor

PI: Tomar Ghansah, Ph.D. Marching Grant Program

Title: Insulin Effects on Glufosamide Antitumor Activity in Murine Pancreatic Cancer

Awarded 11/15/2013 – 04/15/2014, \$25,000

American Cancer Society (ACS-IRG) Moffitt Cancer Center

PI: Tomar Ghansah, Ph.D.

Title: Myeloid Derived Suppressor Cells Suppress Anti-Tumor Responses in Murine Pancreatic Carcinoma Model

Awarded 1/01/09-1/01/10 (*No Cost Extension*) for 6/30/10, \$30,000

National Institute of Diabetes and Digestive and Kidney Diseases (NIH/NIDDK)

Minority Supplement for Assistant Professor

CO-PI Tomar Ghansah, Ph.D.

Title: Insulin Signaling Pathways Regulating PKC Beta Splicing

Awarded 6/1/09-2/1/11, \$125,000/year

National Institute of Health (NIH/NHBLI)

Minority Independent Research Supplement (MIRS) Grant

RO1 HL72523-01

CO:PI Tomar Ghansah, Ph.D.

Title: Role of SHIP in Natural Killer Function

Awarded: 6/30/03-6/30/06, \$225,000

Department of Defense (DOD) Functional Genomic Grant (Moffitt Cancer Center)

Title: Microarray Identification of Genes Involved in Graft versus Host Disease (GvHD)

Co-Principal Investigator: Tomar Ghansah, Ph.D.

Written by: Tomar Ghansah, Ph.D.

Awarded: 2/14/2003-2/14/2004 \$20,000 dollars for supplies only (No salary support)

National Institute of Diabetes and Digestive and Kidney Diseases (NIH/NIDDK)

RO1: DK54757 Minority Supplement Postdoctoral Fellow  
Supplement Awarded: Tomar Ghansah, Ph.D.  
Title: Role of c-mpl in early hematopoiesis  
Awarded 4/2000-8/2002 \$125,000/year

**SUBMITTED (Scored but not Funded):**

Tampa Bay Community Cancer-Network (TBCCN) Pilot Grant and Moffitt Cancer Center  
PI: Tomar Ghansah, Ph.D.  
Title: Increasing Awareness of Pancreatic Cancer: A Fatal Health Disparity in the African-American/Black Community in Tampa Bay  
*Submitted 2013 Scored-Fair Competitive, \$10,000*

Moffitt-Valentine Collaborative Grant  
PI: Tomar Ghansah, Ph.D.  
Title: SHIP-1: A Potential Novel Therapeutic Target to Modulate MDSC for the Treatment of Pancreatic Cancer  
*Submitted 2013 Scored Competitive, \$75,000*

Florida Department of Health Bankhead Coley Grant  
PI: Tomar Ghansah, Ph.D.  
Title: SHIP-1: A Potential Novel Therapeutic Target for the Treatment of Pancreatic Cancer  
*Submitted 2013 Scored Competitive (Not Eligible due to Junior-Faculty Rank), \$400,000*

American Cancer Society  
PI: Tomar Ghansah, Ph.D.  
Career Development Grant  
Title: Immunomodulation of MDSC in Murine Pancreatic Carcinoma Models  
*Submitted 2011-Scored: 1.61 Excellent (Scale 1-10), \$800,000*

National Cancer Institute (NCI)/ National Institute Health (NIH)  
PI: Tomar Ghansah, Ph.D.  
Title: (R01) The Role of SHIP-1 in Pancreatic Cancer  
*Submitted 2011- Scored 22 Percentile, \$250,000/year*

American Cancer Society (ACS-IRG) Moffitt Cancer Center  
PI: Tomar Ghansah, Ph.D.  
Title: Myeloid Derived Suppressor Cells Suppress Anti-Tumor Responses in Murine Pancreatic Carcinoma Model  
*Submitted 2011- Scored 2.2, Scale (1-10), \$30,000*

American Cancer Society (ACS-IRG) Moffitt Cancer Center  
PI: Tomar Ghansah, Ph.D.  
Title: The Role of SHIP-1 Murine Pancreatic Adenocarcinoma Models  
*Submitted 2012 – Scored 2.15, Scale (1-10), \$30,000*

American Association of Cancer Researchers (AACR)- Pancreatic Cancer (PANCAN)  
PI: Tomar Ghansah, Ph.D.  
Title: SHIP-1: A Novel Therapeutic Strategy for the Treatment of Pancreatic Cancer  
*Submitted 2012 Scored Competitive, \$200,000*

USF Proposal Enhancement Grant  
PI: Tomar Ghansah, Ph.D.  
Title: Gemcitabine Halts MDSC Differentiation into TAMs in a PC Animal Model  
*Submitted 2010-Scored 2.28 Good (Scale 1-10), \$25,000*

National Cancer Institute (NCI)/ National Institute Health (NIH)<sup>[SEP]</sup>  
PI: Tomar Ghansah, Ph.D. KO1 1CA107211-01 (KO1 Mentored Grant)  
Title: Role of SHIP in Graft versus Host Disease (GvHD).  
*Submitted 2003 Scored 2.18 (Scale 1-10), \$600,000*

## **SUBMITTED (Reviewed but not Funded):**

Small Business Technology Transfer (STTR) National Institute Health (NIH)  
PI: Forrest Anthony, MD Eleison Pharmaceuticals, Inc.  
Co: Investigator: Tomar Ghansah, Ph.D.  
Title: Murine Model to Test Methods to Reduce Glufosamide Nephrotoxicity  
*Submitted 2013, \$35,000 (designated for the co-investigator) from \$100,000*

## **PEER-REVIEWED PUBLICATIONS:**

Ayala Villolabos K, Alvarez C, Rivera I, Icolozan C and **Ghansah, T.** Targeting SHIP-1 Enhances Anti-Tumor Immunity in Pancreatic Cancer Mice 2020 *In Preparation to submit to the Journal of Immunology.*

Husain Kazim, Williamson Tanika, Nelson N, **Ghansah, T.** Protein Kinase CK2: A Potential Regulator of Immune Cell Development and Function in Cancer. 2020 *In Preparation to submit to Journal of Oncoimmunology.*

Nelson N, Szekeres K, Icolozan C, Rivera IO, McGill A, Johnson G, Nwogu O and **Ghansah T** Apigenin: Selective CK2 inhibitor increases Ikaros expression and improves T cell homeostasis and function in murine pancreatic cancer. *PLoS One.* 2017 Feb 2;12(2):e0170197. doi: 10.1371/journal.pone.0170197.

Nelson, N., Xiang, S., Zhang, X., Gilvary, D., Djeu, J., Husain, K., **Ghansah, T.** (2015). Murine Pancreatic Adenocarcinoma Reduces Ikaros Expression and Disrupts T Cell Homeostasis. *PLoS ONE*, 10(1), e0115546. <http://doi.org/10.1371/journal.pone.0115546>

Watson, J. E., Patel, N. A., Carter, G., Moor, A., Patel, R., **Ghansah, T.**, Cooper, D. R. (2014). Comparison of Markers and Functional Attributes of Human Adipose-Derived Stem Cells and Dedifferentiated Adipocyte Cells from Subcutaneous Fat of an Obese Diabetic Donor. *Advances in Wound Care*, 3(3), 219–228. <http://doi.org/10.1089/wound.2013.0452>.

**Ghansah, T.**, Vohra, N., Kinney, K., Weber, A., Kodumudi, K., Springett, G., Pilon-Thomas, S. (2013). Dendritic Cell Immunotherapy Combined with Gemcitabine Chemotherapy Enhances Survival in a Murine Model of Pancreatic Carcinoma. *Cancer Immunology, Immunotherapy: CII*, 62(6), 1083–1091. <http://doi.org/10.1007/s00262-013-1407-9>

Toomey PG, Vohra NA, **Ghansah T**, Sarnaik AA, Pilon-Thomas SA. (2013). Immunotherapy for gastrointestinal malignancies. *Cancer Control*. 20:32–42.

**Ghansah, T.** (2012). A novel strategy for modulation of MDSC to enhance cancer immunotherapy. *Oncoimmunology*, 1(6), 984–985. <http://doi.org/10.4161/onci.20201>

Nelson, N., Szekeres, K., Cooper, D., & **Ghansah, T.** (2012). Preparation of Myeloid



Derived Suppressor Cells (MDSC) from Naive and Pancreatic Tumor-bearing Mice using Flow Cytometry and Automated Magnetic Activated Cell Sorting (AutoMACS). *Journal of Visualized Experiments : JoVE*, (64), 3875. <http://doi.org/10.3791/3875>

Pilon-Thomas, S., Nelson, N., Vohra, N., Jerald, M., Pendleton, L., Szekeres, K., & **Ghansah, T.** (2011). Murine Pancreatic Adenocarcinoma Dampens SHIP-1 Expression and Alters MDSC Homeostasis and Function. *PLoS ONE*, 6(11), e27729. <http://doi.org/10.1371/journal.pone.0027729>

Kleiman, E., Carter, G., **Ghansah, T.**, Patel, N. A., & Cooper, D. R. (2009). Developmentally spliced PKC $\beta$ II provides a possible link between mTORC2 and Akt kinase to regulate 3T3-L1 adipocyte insulin-stimulated glucose transport. *Biochemical and Biophysical Research Communications*, 388(3), 554–559. <http://doi.org/10.1016/j.bbrc.2009.08.063>

Jiang, K., Apostolatos, A. H., **Ghansah, T.**, Watson, J. E., Vickers, T., Cooper, D. R., & ... Patel, N. A. (2008). Identification of a novel antiapoptotic human protein kinase C delta isoform, PKCdeltaVIII in NT2 cells. *Biochemistry*, 47(2), 787-797.

Paraiso, K., **Ghansah, T.**, Costello, A., Engelman, R., & Kerr, W. (2007). Induced SHIP deficiency expands myeloid regulatory cells and abrogates graft-versus-host disease. *Journal of Immunology*, 178(5), 2893-2900.

**Ghansah T.**, Paraiso K, Highfill S, Desponts C, May S, McIntosh J, Wang JW, Ninos JM, Brayer J, Cheng F, Sotomayor E and Kerr WG. (2004). Expansion of myeloid suppressor cells in SHIP deficient mice represses allogeneic T cell responses. *Journal of Immunology*; 173(12):7324-30.

Cheng F, Wang HW, Cuenca A, Huang M, **Ghansah T**, Brayer J, Kerr WG, Takeda K, Akira S, Schoenberger SP, Yu H, Jove R, Sotomayor EM. (2003). A Critical Role for Stat3 Signaling in Immune Tolerance. *Immunity*, 19:425-436. doi:10.1016/S1074-7613(03)00232-2

**Ghansah, T.**, Ager, E., Freeman-Junior, P., Villalta, F., & Lima, M. (2002). Epidermal growth factor binds to a receptor on Trypanosoma cruzi amastigotes inducing signal transduction events and cell proliferation. *Journal of Eukaryotic Microbiology*, 49(5), 383-390.

Wang JW, Howson JM, **Ghansah T**, Desponts C, Ninos JM, May SL, Nguyen KH, Toyama-Sorimachi N, Kerr WG. (2002). Influence of SHIP on the NK Repertoire and Allogeneic Bone Marrow Transplantation. *Science*, (296): 2094.

Tu Z, Ninos JM, Ma Z, Wang JW, Lemos MP, Desponts C, **Ghansah T**, Howson JM, Kerr WG. (2001). Embryonic and hematopoietic stem cells express a novel SH2-containing inositol 5'-phosphatase isoform that partners with the Grb2 adapter protein. *Blood*, 98(7), 2028-2038.

## NON-PEER-REVIEWED PUBLICATIONS:

**Ghansah, T.**, Ninos M. J. and Kerr W. A role for the SH2 Containing Inositol Phosphatase in the Biology on Natural Killer Cells and Stem Cells. M.D. Cooper, T. Takai, J.V. Ravetch (eds). (2001). Activating and Inhibitory Immunoglobulin-like Receptors. Springer-Verlag Tokyo. 129-139. *Book chapter*.

Jia-Wang, W., Julie, H., **Ghansah, T.**, John, N., & William G., K. (2001). Inhibition of apoptosis by the BEACH domain and WD repeats of gene Iba that has key features of both protein kinase A anchor and chs1/beige genes. The Scientific World Journal, 96. doi:10.1100/tsw.2001.200

## INSTITUTIONAL RESEARCH BOARD (IRB):

USF IRB # is Pro00005698, Moffitt SRC # is and Tampa General Hospital (TGH) 2012-current. PROJECT TITLE: "Immunophenotyping and Functional Analysis of Myeloid Derived Suppressor Cells in Peripheral Blood of Patients Diagnosed with Pancreatic Adenocarcinoma (**PI: Ghansah**)

USF IRB # 108630 2010-2014. "Identification and Characterization of Adipocytes and Immunosuppressive Cells in Fat Cells from Diabetic and Non-Diabetic Patients" (**Ghansah, Co- Investigator**).

## PATENT:

U.S. Patent (USF#-00B053PRCCP)"Control of NK Cell Function and Survival by Modulation of SHIP Activity". (Kerr, **Ghansah**)

Provisional Patent USF Ref. No.:17A069 Ghansah – Bio-active Flavonoid Apigenin Improves Anti-PD-L1 Immunotherapy Responses in Pancreatic Cancer (**Ghansah**)

Provisional Patent, USF Ref. No.: 18A093 Ghansah Apignein Increases SHIP-1 Expression and Enhances Anti-Tumor Immune Responses in Pancreatic Cancer."**(Ghansah)**

## TEACHING EXPERIENCES:

BCH 6411	Biomedical Genomics & Genetics	2010
BCH 6135	Methods in Molecular Biology	2010-current
GMS 6001	Foundation in Biomedical Sciences	2011-current
GMS 6101	Molecular & Cellular Immunology	2011-2012
GMS 6708	Neuroimmunology	2012-current

BSC 6437	Biotech & Bioethics ( <i>Course Director</i> )	2013-current
GMS 6942	Lab Rotations in Biomedical Science	2009-current
GMS 6942	Lab Rotations in Biomedical Science	2009-current
GMS 7910	Directed Research	2009-current
GMS 7980	Dissertation Doctoral	2009-2018
BMS 6041	Immunology Small Groups	2013-2018
GMS 7930	Natural Killer Cell ( <i>Course Director</i> )	2014
GMS 7930	Introduction to Medical Sciences	2014-2018
GMS7939	Principles of Molecular Medicine	2014-current
BSC6436	Intro Biotech	2014-current

**MENTORSHIP:** Supervised and trained undergraduate, graduate and medical students, staff, summer students and volunteers from Moffitt, USF and other affiliated educational centers since 2001.

<b>TRAINEE</b>	<b>INSTITUTION/PROGRAM AND YEAR(S)</b>	<b>CURRENT STATUS</b>
Caroline Despont, Ph.D.	Moffitt, 2001-2006	Staff Scientist, Scripps, CA
Josh Gamsby, Ph.D.	Moffitt, 2001-2005	Assistant Professor, USF
Steve Highfill, Ph.D.	Moffitt, 2000-2004	Senior Investigator, Novartis
Kim Paraiso, M.S.	Moffitt, 2001-2006	Post-doctoral Fellow, CA
Nadege Touzin, M.D.	USF Minority Undergraduate McNair Scholar, 2002-2004	Physician, US Air Force
Acquanetta Henry, D.P.T.	USF Minority Undergraduate McNair Scholar, 2005-2007	Doctor of Physical Therapy, VA, Tampa, FL
Davina Mulchan	USF Honor Thesis, Director- Dr. Ghansah, 2005-2006	Teacher, Tampa, FL
Adrian Alexis Ruiz	USF STEP-UP Student, 2009	Accepted to Med. School, GA
Massanu Sirleaf	USF, McNair Scholar, 2009-2010	Applied to Pharmacy School
Nadine Bewry, Ph.D.	USF Graduate Student, 2007-2009	FDA
Maya Gerald, D.V.M.	USF Research Fellow, 2009-2011	Staff Scientist, Morphogenesis, Tampa, FL
Nadine Nelson, Ph.D.	Major Professor: Dr. Ghansah USF Grad. Student, 2009- 2014	Post-doc, AstraZeneca, UK
Nasreen Vohra, MD	USF Post-doc Research Fellow 2008-2010	Assistant Professor, East Carolina University
Jemson Pierre	USF Honor Thesis, Director Dr. Ghansah, 2010-2012	Staff Scientist Biology, Haiti
Celeste Smalls	USF undergraduate, 2011-2013	USF Pharmacy Program 2016
<b>TRAINEE</b>	<b>INSTITUTION/PROGRAM AND YEAR(S)</b>	<b>CURRENT STATUS</b>
Maya Cohen	USF/St. Leo CREST Program Volunteer, 2011	Medical Technologist at Tampa General Hospital
Teresa Satchal, M.S.	Staff Research Technician, 2011 –	Graduated from USF Nursing

	2014	Program 2015.
Joseph Zundell	USF/St. Leo CREST Program Volunteer, 2012	Research Assistant at Wistar University
Nicole McCray, Ph.D.	Moffitt Postdoctoral Fellow, Center, 2006 – 2010	Research Scientist, VA and Assistant Professor, USF
Kimberly Williams	USF MSPH Volunteer, 2013	Regional 2 Coordinator GMap Health Disparity Program, Moffitt Cancer Center
Galina Zygmunt, R.N.	USF Undergraduate Volunteer, 2013 – current	Applying to Medical School
Sophie Cene	Moffitt Summer INSPIRE, 2013	Accepted to MSPH Program at Florida International University in 2015
Oluyemi Odeyemi	USF Undergraduate Volunteer, 2013 – 2014	Applied 2014 to USF PhD
Kelsi Hurt, M.S.	USF Graduate Student, 2013 - current	Graduate Student, USF
Ivannie Ortiz Rivera, M.Sc.	USF Graduate Student 2014 -2016	Lab Tech at Moffitt seeking to apply to Graduate School
Mustafa Saleem, M.S.	USF Graduate Student 2013-2014	Research Assist. Ghansah Lab
Andrew McGill, BA, BS	USF Graduate Student 2014 -2016	USF Ph.D. Program Dept. Mol. Med.
Christina Iclozan, Ph.D.	USF Research Associate 2014 – 2016	Lab Manager - Ghansah Lab
Jerel Mair, MS.	USF Graduate Student 2015-2016	Completed August 2017, Coordinator at HCC in Tampa and study for MCAT
Oscar Vasquez, MS	USF Graduate Student 2015-2016	Completed August 2017, FAU, School of Medicine Fall of 2017
Gbemisola Johnson,MS.	USF MS. Graduate Student 2016-2017 Directed Research	Completed May 2017- seeking research position
Onyekachi Nwogu	USF Graduate Student 2016-2017 Directed Research	Anticipate completion Fall 2017
Atinmo Tobiloba	USF Graduate Student 2017-2018 Directed Research	Anticipate completion May 2018
Oluwashanu Balogum	USF Graduate Student 2017-2018 Directed Research	Anticipate completion May 2018
Alexis Avery	USF Graduate Student 2016-2017 Directed Research	Graduation Dec 2017, preparing for MCAT

Adonis McQueen, Ph.D.	2017-Current USF Doctoral - candidate Pre-training in Tumor Immunology before Post-doc	Graduation Dec 2017. Pos-doc offer at Stony Brook University, NY 2018
Marcus Nanan, MS.	USF Graduate Student 2015 -2016 Volunteer- Clinical Research Experience	Took MCAT August 2017, 2018, preparing for Med. School 2019
Ciara Alverza	2018-Current USF Directed Research MS student	Graduation Aug 2018. Prep for Medical School Took MCAT May 2018 ,starting Med School 2019
Krystal Villabolos Ayalya	2018-Current Previous USF Directed Research MS student	Graduation May 2019. Current Lab Manager Spring 2020
Aya Elmarsafawu,Phar D.	Directed Research Ph.D. Graduate Student –Training Student for Dr. P.K. Burnette at Moffitt Cancer Center	USF Ph.D Graduate School. Started in Spring 2018-Summer 2018

Anghesom Ghebremedhin	Ph.D. Committee member at Tuskegee University	TU Ph.D. Graduate Student anticipation of completion in 2019
Brad Miller	Undergraduate Student	USF undergraduate student in Anticipation completion in 2020
Javier Areas	Directed Research Master Graduate Student	Graduation Fall 2019. Prep for for Medical School
Emile Barnes	Internship Graduate Master Student	Graduation May 2019. Prep for Graduate School Ph.D. Program Fall of 2020
Tanika Williamson, Ph.D.	Post-doctoral Fellow and Lab Manager for 1 year.	Secured a Position at Biomedical Company 2020
Ari Marsh	Volunteer and graduate from FSU. Seeking Immunology based clinical research experience and training.	Taken MCAT 2019. Will start Medical School in Fall of 2020
Dr. Kazim Husain	Part-time Research Scientist. Responsible for Animal Breeding Colony and Clinical Study	Started Fall of 2019-current
Loryanne Rosairo	Directed Research Master Student	Started Spring of 2020-current

**COMMITTEES:**

Appointed by Dean to MCOM Research Committee, USF 2016-current  
Member, Institutional Animal Care and Use Committee (IACUC), USF 2011-1014  
New Faculty Search Committee, USF 2011- current  
Graduate School Admissions Committee, USF 2011-current  
Member of Women in Science, USF, 2007- current  
Creative Director, Molecular Medicine, USF Faculty and Staff Fundraiser 2014-current

**REVIEWER:**

American Cancer Society-IRG Moffitt Cancer Center 2014-2016  
Ad Hoc NIH-NCI CII Study Section, Washington DC, 2012,  
Ad Hoc NIH-NCI (Special Emphasis Panel) Study Section, Washington DC, 2017  
Ad Hoc NIH-NCI (Special Emphasis Panel) Study Section, Bethesda, MA 2018  
Ad Hoc Journal of Oncolmmunology- current  
Ad Hoc Journal of Immunology Research-current  
Ad Hoc PLoS ONE Journal – current

**SCIENTIFIC MEMBERSHIP:**

American Association of Immunologist (AAI) 2012- current  
American Association of Cancer Researchers (AACR) 2011- current  
NIH Women of Color Research Network (WoCRn) 2012- current

**INVITED SPEAKER:**

USF FGLSAMP and Bridge Doctoral Programs, Keynote Speaker, Tampa, FL 2019  
USF MCOM Research Committee Tampa, FL 2017  
ABRCMS, Moderator and Panelist, Tampa, FL 2016  
Gordon Conference, Mount Holyoke College, MA 2015  
Meharry Medical College, Cancer Biology Keynote Speaker, Nashville, TN, Spring 2015  
Martin Luther King Keynote Speaker, Tampa, FL 2014  
USF Inter-Professional Faculty Development Workshop, Tampa, FL 2013  
NSF/FGLSAMP Bridge Doctorate Programs, Tampa, FL. 2013  
SREB, Moderator for Institutional and Mentoring Symposium, Fall 2012  
Tuskegee University 13<sup>th</sup> Annual Biomedical Symposium, Fall 2012  
Career Day Speaker, Ferrell Girls Preparatory Academy, Spring 2012  
Selected Speaker Experimental Biology, Research, ASBMB, Washington, DC.,2011  
Morphogenesis, Inc, Tampa Florida 2011  
Panelist NSF/FGLSAMP Bridge Doctorate Programs, Tampa, FL. 2010

USF Molecular Medicine Work In Progress, Tampa, FL. 2010  
Selected Speaker, Research, FASEB, Orlando, FL. 2001.

#### **AWARDS:**

NMRI NIH NIDDK South Regional Travel Award, Nashville, TN 2018  
NIH NCI GMaP Scholar Moffitt/USF Tampa, FL 2018  
NIH NCI GMaP Scholar Moffitt/USF Tampa, FL 2017  
Senior Scholar for USF 2017 Research Boot Camp, Tampa, FL 2017  
Carl Storm Minority Fellowship, Gordon Conference, South Hadley, MA 2015  
Minority Scholar in Cancer Research, AACR, Lake Tahoe, NV 2012  
Selected Judge/Travel Award, ABRCMS, St. Louis, MO 2011  
Minority Assistant Professor Supplement (NIH/NIDDK) 2009-2011  
Minority Travel Award AACR Orlando, Florida 2004  
Minority Investigator Research Supplement (MIRS) (NHLBI) 2003-2006  
Minority Travel Award AAI, FASEB, Denver, Colorado, 2003  
Minority Travel Award AAI, FASEB, New Orleans, Louisiana, 2002  
Grand Prize, Meharry Medical College Research Day, 1999.  
ASMT Young Investigator Research Travel Award, San Juan, Puerto Rico, 1998.  
FASEB Research Travel Award, San Francisco, CA, 1998.  
1<sup>st</sup> Place Recipient, Meharry Medical College Research Day, 1998.  
AMPHS Research Travel Award, Los Angeles, CA, 1997.  
Southern Regional Education Board Predoctoral Scholarship, 1995-1998.  
Woodshole Summer Research Travel Award, Woodshole, MA, 1995.  
1<sup>st</sup> Place Recipient, Tennessee Academy of Science Research May, 1993.  
1<sup>st</sup> Place Recipient, Tennessee State University Annual Research Day, 1992.

#### **VOLUNTEER:**

Tampa Bay Mineral Science Club Annual Gem Show Plant City, FL 2018  
USF Black Faculty and Staff Association Mentoring Program 2015-current  
Judge, Academy Prep Science Fair Science Fair, 2012 and 2013 in Tampa, Florida  
Judge, Villages Charter School Science Fair, 2012 in Tampa, Florida  
Connecting Researchers, Educators and Students (CREST) Program, St. Leo University  
2011- current.  
Career Day Speaker, Ferrell Girls Preparatory Academy, 1<sup>st</sup> Annual Women's  
Symposium 2012 in Tampa, Florida  
Youth Enrichment In Science (Yes) Team Mentor At The Museum Of Science And  
Industry (**MOSI**) In Tampa, Florida, 2006 -2007.

#### **COMMUNITY MEMBERSHIP:**

Member of Tampa Bay Science and Mineral Club 2014 – current.