

F O U R T H A N N U A L
CME ACCREDITED
MULTIDISCIPLINARY CITY WIDE
BREAST CANCER SEMINAR



"Physician founded for laypeople and in honor of laypeople."



**Locust Hill
Country Club**

**Wednesday,
October 11, 2017**

5:30PM - 9:15PM

President & Co-Founder
of PLEA of GRNY:



Douglas Belton, MD, MBA

Co-Founder
of PLEA of GRNY:



Ruby L. Belton, MD

Log on to pleaofgrny.org or visit us on:





Comprehensive and Compassionate Breast Care

The Rochester Regional Health Breast Center is one of the highest volume breast centers in New York State and is a Center of Excellence in cancer care. For our patients, this recognition ensures superior care from a medical community that prioritizes their needs.

What We Offer

- Breast cancer surgery and prevention surgery
- High-risk screening and genetic counseling
- 3-D mammogram, automated breast ultrasound, breast MRI and state-of-the-art breast cancer detection tools
- Precision cancer testing and genomics
- Chemotherapy and radiation therapy including MammoSite, prone and targeted radiation
- Management of benign breast disease
- Survivorship program
- Breast cancer navigation program
- Involvement in national clinical trials

Rochester
General Hospital
P 585.922.4715

Newark-Wayne
Community Hospital
P 315.359.2671

Linden Oaks
P 585.922.4715



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Program

2017



Part 1: BREAST CANCER /TEAMWORK / YOU

VITAMIN D: "Often forgotten most valuable player"

"Eat to Live" NUTRITION SUPPORT STRATEGIES in BREAST CANCER PATIENTS | VITAMIN D / ETHNICITY & BREAST CANCER VITAMIN D / YOUR IMMUNE SYSTEM in HEALTH AND DISEASE

5PM	Registration
5PM-6:30PM	Live Entertainment & Dinner
5PM-6:45PM	Displays BCCR/Lipson Cancer Center/Cancer Services Program of Monroe County
6:45PM-6:50PM	Welcome
6:50PM-7PM	Battle of Waterloo & Breast Cancer Ms. Martha Braddy & Mr. Kenneth Stanley
7PM-7:10PM	2017 Imaging Update Avice O'Connell, M.D.
7:10PM-7:25PM	Football & Your Immune System Douglas Belton, MD, MBA
7:25PM-7:45PM	2017 Introduction: Part 1: Overview of Immune System in Health & Disease Biology of Vitamin D Proposed "link" between Vitamin D Deficiency in African-Americans Ruby L. Belton, MD
7:45PM-7:55PM	Vitamin D Deficiency Immune System Tumor Associated Macrophages Cancer Prognosis "What Vitamin D Deficiency Might Look Like to the Pathologist" Tumor Associated Macrophages (TAMS) Breast Cancer Progression Aggression Bradley Turner, MD, MPH
7:55PM-8:25PM	"Eat to Live" Nutrition Support for the Breast Cancer Patient Carol Henry, PhD
8:25PM-8:35PM	Update Environmental Protection LaMarr Jackson, Esq.
8:35PM-9:15PM	Panel Discussion & Question & Answer Specialty Updates



Meet Dr. Douglas Belton, Jr.



President and Co-Founder

**PHYSICIANS AND LAYPERSONS
EDUCATIONAL ASSOCIATES OF
GREATER ROCHESTER, NY INC.**

"PLEA of GRNY"

**2017 Breast Cancer
Seminar Director**

Dr. "Doug" Belton is an advocate for increased provider and community wide awareness of all facets of breast cancer. He is a board certified radiologist with special interests in Musculoskeletal and Women's Imaging. Dr. Belton received a B.S. in Biology from Hampton University in Virginia, where he also played four years of Division I college basketball.

After obtaining his Medical Degree from the University of Rochester School of Medicine and Dentistry (as one of the First pair of first and second generation African American graduates from that school), he served as a surgical resident at Strong Memorial Hospital and completed his residency in Diagnostic Radiology at Rochester General Hospital.

Dr. Belton is Fellowship trained in MRI.

He completed his Fellowship in MRI at University Medical Imaging, Rochester New York, and earned his MBA degree from the University of South Florida in Gainesville, Florida in April 2016.

He has a reputation defined by innovative leadership, indefatigable work ethic and is a "producer" of positive results.

Dr. Belton is a native of Pittsford, New York. His DNA had its most recent roots in Mississippi.

He enjoys golf, weight training, NBA basketball and spending time with his family. He lives in Pittsford with his wife Odette and daughter Olivia.

Dr. Belton does not define himself by his many personal accomplishments.

Dr. Belton does define himself by his strong work ethic, his honesty, kindness, love for all and his positive impact on the community at large, and his desire to give back through service and teaching.

**[...reputation
defined by
innovative
leadership...]**



Meet Dr. Ruby L. Belton



Dr. Ruby L. Belton is a board-certified radiologist and Breast Cancer Imaging Specialist at Borg and Ide Imaging in Rochester New, York. The product of a humble Southern upbringing, Dr. Belton is the first African-American female graduate of the University of Rochester School of Medicine and Dentistry, in Rochester New York. Dr. Belton has previously held leadership positions in Women's Imaging (3), Head of Body Computed Tomography, and served as section chief of Abdominal Ultrasound at institutions in Rochester, New York.

Dr. Belton has practiced medicine and served the patient population and referring physicians in the Rochester area for over 40 years. She also has special interests in oncology imaging, genitourinary imaging, head and neck imaging and gastrointestinal radiology.

In addition to her work as a radiologist, Dr. Belton is a collegial, forward thinking scholar and educator who holds the belief that everyone deserves to be educated about health care.

A special thank you to my oldest living brother, "Gil", and baby sister "Two-Eye", who travels to Rochester every year to attend "your" breast cancer seminar. Be sure to say hello!

Through PLEA of GRNY, Dr. Belton hopes to foster the dissemination of cutting - edge knowledge and medical advances, in the diagnosis and treatment of breast cancer, to health practitioners and laypersons (in partnership and on equal footing), including those who are currently under-represented and under-served.

On her role as an educator and mentor." I am one of ten children born in Mississippi just after World War II. Degrees, accomplishments nor appointments define me. Instead, my humble beginnings, my faith, God and family define me.

I am the proud mother of Shayla J. Belton DVM MS, Doug Jr. MD MBA, and wife of Doug Sr. of 46 years.

"I exist to care, give, love and teach."

Thank you for giving me the opportunity to introduce myself to you.

I am honored.

Co-Founder

PHYSICIANS AND LAYPERSONS EDUCATIONAL ASSOCIATES OF GREATER ROCHESTER, NY INC.

"PLEA of GRNY"

2017 Breast Cancer Seminar Director

**["I exist to
care, give,
love, and
teach."]**



Support Staff

Seminar Coordinator



KAREN BUTLER

Audio Visual & Site Coordinator



TERRI ROA

Assistant Site Coordinator



TRACI CONCORDIA



Meet Your 2017 Seminar Moderators & Panelists



Christopher Caldwell, MD
Surgeon
Genesee Surgical Associates



Gina Cuyler, MD
President & Co-Founder
Black Physicians Network
of Rochester



Marguerite Dnyski, SSI, MD
Breast Surgeon
Rochester General Breast Center



Stephen Evangelisti, MD
Plastic Surgeon
Evangelisti Reconstructive
Plastic Surgery



Rev. Dr. Vera Miller
Senior Pastor | Layperson
Genesee Baptist Church



Bradley Turner, MD, MPH, MHA
Pathologist
UR Department Pathology
Medicine Labs



Mrs. Holly Anderson
Layperson
Executive Director Breast
Cancer Coalition of Rochester



Martine Backenstoss, MD
Radiologist
Rochester Regional Health



Calvin Cole, MD
Research
Research Assistant Professor,
University of Rochester, Dept. of
Surgery: Cancer Control Group



Nana Duffy, MD
Dermatology
Genesee Valley Dermatology
& Laser Center
Co-Founder Black Physician
Network of Rochester



Carol Henry, PhD
2017 International Speaker
Associate Professor | Assistant
Dean Nutrition & Dietetics |
College of Pharmacy & Nutrition



Ruth Hetland, MD
Surgeon
Greater Rochester
Breast Surgery



Meet Your 2017 Seminar Moderators & Panelists

cont.



LaMarr Jackson, Esq.
Attorney
*Harris, Chesworth, Johnstone,
Welch, LLP*



Avice O'Connell, MD
Radiologist
*Director of Women's Imaging
UR Medical Center*



Mr. Kenneth Stanley
Layperson
*PLEA of GRNY 2017
Lead Layperson Liaison*



Mary K. Sweeney, PhD, RN
Educator
*Mentor Empire State College
Center for Disease Learning*



**Mrs. Elizabeth "Heidi"
Elberfeld**
Retired Educator



Pastor James McEwen
Pastor
Trinity Interfaith Church



Mrs. James McEwen
First Lady
Trinity Interfaith Church



Love, Truth, Time, Peace, Health, Talent,
Knowledge, Manners, True Friends

Welcome to the 2017 PLEA of GRNY Annual Seminar

Enjoy!

<http://www.powerofpositivity.com/10-things-money.cantbuy/>

10 Things Money Can't Buy

"Money has never made man happy nor will it; there is nothing in its nature to produce happiness. The more of it one has, the more one wants."

Benjamin Franklin

Key Words: Cultivate, Gifts, Mysterious, Experiencing life to its Fullest, Innate, Peace, Natural Health, Knowledge, Wisdom and Understanding,

1. Love: Love is something heartfelt and mysterious.
2. Truth: Money can be used to push beliefs or an agenda; not the same as truth.
3. Time: Money cannot turn the clocks back. We must take life moment by moment while experiencing it to the fullest.
4. Peace: Cultivating your thoughts is the only thing that will ever bring you true peace. One aspect: accept bad things when they happen and turn that experience into a positive experience.
5. Talent: You are born with it, a gift. In other words, the gifts and abilities that you possess in your mind and body are priceless. You are born with it; INNATE.!
6. Health: Money can be used to buy health insurance and medicine, but can Never Replace Natural Health. Once it is gone, it is gone. At the same time, activities like exercise, dietary supplements, getting 15 minutes of sunshine every day, not smoking, and natural self-care costs little or nothing.
7. Manners / Class: Rudeness exists across all lines. Money will put you in a higher class but it does not make you classy.
8. True Friends: With you through thick and thin, the ups and down.
9. Knowledge: We are taught to "seek wisdom and understanding." The information that you accumulate, the elements of your intellect, the way you exhibit wisdom can never be bought. It is INNATE!
10. Presence and Acceptance: The ability to be mindfully present and accept, without judgment each and every situation. This is a life changing gift!
This Gift is not available for purchase at any price.



Course 2017

Objectives

**By the end of the 2017 seminar,
all participants should be able to discuss:**

- 1.** Understand strengths and weakness of imaging studies.
- 2.** How the game of football can be used to understand how our complex, miraculous, and properly functioning immune system helps protects us from cancer.
- 3.** Basic Overview of the Immune System.
- 4.** The relationship between Tumor Associated Macrophages (improperly functioning immune system) and Vitamin D.
- 5.** Biology of Vitamin D / Vitamin D receptor and other more familiar family members, including Estrogen and Estrogen Receptor.
- 6.** Vitamin D deficiency, Insufficiency and current debates on what are accepted normal values.
- 7.** Update on Ethnicity / Vitamin D deficiency / Cancer aggression & progression
- 8.** Basic overview of nutrition support strategies for the breast cancer patient.
- 9.** Update on Environmental Protection Agency. "Whatever befalls the earth, befalls man."

Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of The Medical Society of the State of New York (MSSNY) through the joint providership of the Rochester Academy of Medicine and Dr. Belton. The Rochester Academy of Medicine is accredited by the Medical Society of the State of New York (MSSNY) to provide continuing medical education for physicians.

Credit Designation Statement

The Rochester Academy of Medicine designates this live activity for a maximum of 2.5 AMA PRA Category 1 Credits.

Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Target Audience

Designed for Laypersons, Technologists, Residents, Medical Students, College Students, Surgeons, Pathologists, Nurse Practitioners, Physician's Assistants, Internists, Family Medicine Practitioners, Obstetricians and Gynecologists, Medical Oncologists, Radiation Oncologists, Registered Nurses, Radiologists, Geneticists, Genetic Counselors and all who participate in the care of the breast cancer patient.

Disclaimer

For 2017 Breast Cancer Seminar Locust Hill

- 1.** The PLEA of GRNY faculty makes no guarantee as to the accuracy of research data/opinions presented in the literature, in published journals or textbooks on the subject of breast cancer.
Please remember we are here to educate and update on the latest in recommendations on the care of the breast cancer patient. Your care is still in the hands of you and your Breast Cancer Specialists and your primary care physician.
- 2.** Information presented is based on current knowledge and has been compiled from multiple published articles and textbooks.
- 3.** With research, we expect change. You should EXPECT change. We will do our best to keep you updated.



Waterloo, Football & Immune System Analogy

Battle of Waterloo and understanding the multidisciplinary approach to management of the breast cancer patient.

We can learn a lot from this battle.

1. British, Dutch, Belgians and Germans worked together as a team to fight one enemy. The enemy was Napoleon. They came at him for all directions.

Analogy to Multidisciplinary Approach? It takes us all, including you, working together to defeat this enemy. The enemy is Breast Cancer.

- | | |
|--|--------------------------------|
| A. Clinical breast examination, self breast examination
(neither recommended in latest round of recommendations.) | B. Imaging with interventional |
| C. Surgery | D. Radiation |
| E. Chemotherapy | E. Chemoprevention |

***** After today Nutrition including Vitamin D *****

Team Effort

Other lessons learned.

2. Napoleon made some mistakes. During the battle, there was rain. It was too hard to travel with his equipment in the boggy mud. So he decided to sleep overnight and fight in the morning. He delayed. This gave his adversaries time to re-group and set up. They were ready for him. He was defeated. This delay in attacking and bad judgment, it is believed cost him this battle.

How does this translate to Management of the breast cancer patient? Not getting a regular mammogram, checking your self (KNOW THYSELF) is a judgment issue that may lead to delayed diagnosis. We also know mammography is able to detect a cancer measuring 3mm. The average size detected clinically is 3 cm. Size matters most of the time, but it depends. We know when cancer reaches the lymph node this means it has metastatic potential. Some believe it is considered systemic. Look at results of Breast Cancer Detection and Demonstration Project data. See Kopans page 237, 241.

This gives percentages on positive nodes depending on size of cancer.

	% + lymph nodes
DCIS	0
< 0.3 cm	4%
0.3cm-1.0cm	10%
2 cm	20%
2-3 cm	30%
4-5 cm	40%

The Game of Football and Your Immune System

1. Many players
2. Each player has a different position it takes in your body.
3. Each player has a different specialized job.
4. All players eventually work together to make sure the job is done.
In football, that is a touch down or field goal. In the immune system, this amounts to many players working together to protect the body. In the case of infections, that is your innate immune system. In the case of cancer, it is the Natural Killer cell that activates your macrophages who in turn pass the "ball" to TNF, which sets in motion Apoptosis.



Your Immune Overview

Laypersons & Medical Terms

“You are wondrously made.”

- A. You have physical barriers to protect your “inner being.” EPITHELIUM
1. Skin, ~ 7 square meters (site of skin cancer, i.e. melanoma)
 2. Mucous membranes lining all hollow viscera and structures. ~ 400 square meters. So, this includes lung linings, gastrointestinal tract linings (including colon), breast (mammary) ducts and milk sacs (TDLU), genitourinary tract (ex. prostate gland).

Note: 200 specialized cell types, 100 different types of cancers, 90% adenocarcinoma (lining origin cancers), 80% accounted for by 4 body sites (lung, colon, prostate, breast) .

Is this not interesting? These cancers involve tissue exposure of our “inner being” to assaults from the outside world.

Remember this fact when we discuss Vitamin D production.

SO:

1. Physical barriers can be breached. Defender
2. Abnormal cells with mutations can arise in the barrier (EPITHELIUM) .
THEN WHAT? IMMUNE SYSTEM IS THE NEXT LINE OF DEFENSE.

That brings us to the immune system.

IMMUNE SYSTEM (protected, resistant to a disease)

- A. Innate Immune SYSTEM Player: Killer Cells (2018)
- B. & Macrophages are the key players in Extrinsic(destruction of a cell from the outside) Apoptosis (programmed cell death, cell suicide, “leaves falling from a tree”) .

The macrophage does this through Tumor Necrosis Factor (TNF) *Stay tuned 2018. *

THIS IS CALCIUM MEDIATED. *** 2018 ***

THIS FUNCTION IS THERE-FOR TIED TO ACTIVE FORM OF VITAMIN D3(CALCITRIOL)

Tumor Necrosis Factor is a CYTOCHINE . ***2018***

Other Innate PLAYER: Complement system. *** 2018***

“you are wondrously made.” These are all made by your body.

- C. Adaptive Players
Antibodies, B Cells, T cells *** 2018 ***

Note: Vitamin D controls the Adaptive Immune system but you have to have enough of it. Vitamin D deficiency associated with “autoimmune diseases”.

Autoimmune: Body produces antibodies against its own tissues. Example Rheumatoid arthritis, psoriasis, Lupus, and type 1 diabetes.



Actions of **Vitamin D**

Comparison between Multidisciplinary Management of the Breast Cancer Patient & Actions of Vitamin D

Medicine & Vitamin D comparison	MONITOR &/OR diagnose	MODULATE	DESTROY	DEFEND	CONTROL	REPAIR	REMOVE	ANTI-INFLAM. OR PRO-INFLAM.
RADIOLOGY	X							
SURGERY	X					X (plastic)	X	
RADIATION			X		X			
MEDICAL ONCOLOGY ONCOTYPE Dx	X							
CHEMOTHERAPY			X		X			
CHEMOPREVENTION		X		X	X			
IMMUNOTHERAPY	X	X	X	X	X	X	X	X ? ANTI
VITAMIN D3 (calcitriol) ADEQUATE	X	X	X	X	X	X	X	X ANTI-INFLAM
VITAMIN D 3 (calcitriol) DEFICIENCY								X PRO-INFLAM



Criteria for Vitamin D Deficiency

25 (OH) D Serum Levels

Recommendations

	Conventional Units	SI Units
Deficient	< 20 ng/ml	< 50 nmol/L
Insufficient	20ng/ml-29ng/ml	30ng/ml-50ng/ml Sufficient
Normal	> 20 ng/ml	>/= 50 nmol/L
Excessive	> 50 ng/ml (up 100-125ng/ml probably okay) Note : You cannot overdose on Vitamin D with Sun exposure!! The worry is Skin cancer.	>125 nmol/L

Institute of Medicine Recommendations for Intake of Vitamin D
Remember conversion factor: 40 IU = 1 ng

Summary:

Ages 1-age 70 15-20 ng/ml = 600 IU-800 IU
Age > 70 100 ng/ml = 4000 IU



Sources of Vitamin D

Vitamin D Physiology Molecular Biology & Clinical Applications | Second Edition

Edited by Michael F. Holick | Humana Press

Nutrition And Health | Adrienne Bendich, PhD, FANC, Series Editor

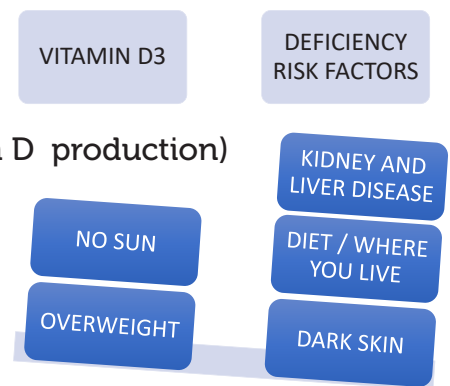
Natural	Amount of Vitamin D
Cod liver oil	400-1000IU/tsp
Salmon, fresh wild caught	600-1000 IU/3.5 oz.
Salmon, farm raised	100-250 IU/3.5 oz.
Salmon, canned,	300-600 IU/3.5 oz.
Sardines, canned	300 IU/3.5 oz.
Mackerel, canned	200 IU/3.5 oz.
Tuna, canned	236 IU/3.5 oz.
Shiitake mushrooms, fresh	100 IU/3.5 oz.
Shiitake mushrooms, sun dried	1600 IU 3.5 oz.
Egg Yolk	20 IU /yolk
Sunlight/UVB radiation	Arms, legs (0.5 MED) equivalent to ingesting 3000 IU. Bathing suit 1 MED = 20,000 IU
Fortified Foods	
Fortified milk	100 IU /8 oz.
Fortified orange juice	100 IU /8 oz.
Fortified yogurts	100 IU/8 oz.
Fortified butter	56 IU/3.5 oz.
Fortified margarine	429 IU / 3 oz.
Fortified cheeses	100 IU/3 oz.
Fortified breakfast cereals	~ 100 IU/serving
Pharmaceutical Sources	
Vitamin D2 (ergocalciferol)	50,000 IU capsule
Multivitamin	400 IU
Vitamin D3 (cholecalciferol)	400,800,1000,2000,10,000,50,000



Risk Factors for Vitamin D Deficiency

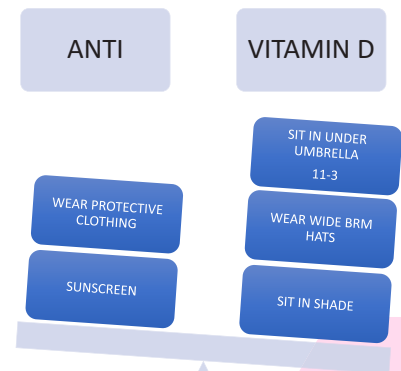
Risk Factors for Vitamin D deficiency

1. Age (older people homebound/no sunlight)
2. Skin pigmentation
3. Sun exposure (dark skinned /more melanin/ blocks Vitamin D production)
Higher in non-Hispanic Blacks.
4. Where you live (37th parallel)
5. Overweight (Large fat stores. Vitamin D is fat soluble and is stored in fat.
It is not as accessible while Vitamin D is stored in it.)
6. Diet
7. Liver dysfunction (Inactive form of Vitamin D is produced by liver mitochondria)
8. Kidney dysfunction (Active form of Vitamin D produced by kidney)



How widespread is Vitamin D deficiency and how does it rank with other diseases?

1. It is estimated that there are 10 billion people who are vitamin D deficient in the world. >>>reference...
2. Vitamin D deficiency is one of the most common diseases in the world
3. "Upwards of 30%-50% of children and adults" in the USA, Canada, Mexico, Europe, Asia, New Zealand, and Australia are vitamin D deficient.



Why is this such a problem?

It is estimated that the body requires 3,000 to 5,000 IU of Vitamin D /day.



Vitamin D

the Steroid

Estrogen, Progesterone, and Receptor

What do nuclear receptors do?

Proliferation | Calcitriol (1,25 (OH)₂) | CYP 27 B1 | Calcium | Proliferation | Differentiation | Apoptosis

Definitions:

In vitro: Research data obtained from Laboratory Experiments in a petri dish.

In vivo: Research data obtained from human research.

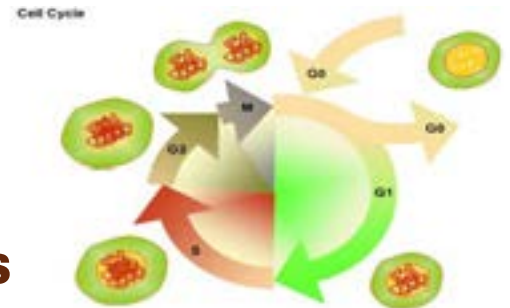
Endocrine Receptors

What are receptors?

What is Estrogen ?

What is Progesterone?

What is Vitamin D ?



Answer to all 3 questions: All are Steroids/Fats

Where does Estrogen and Progesterone come from?

Answer: Testosterone

Where do they all come from?

Answer: Cholesterol

* 60% of Breast Cancers express Estrogen Receptors (ER+)and Progesterone Receptors (PR+)

80% of Breast Cancers express Vitamin D Receptors (VDR +)

ON VITAMIN D RECEPTOR EXPRESSION IN VITRO

Variable function in breast cancer cell lines that are established.

VDR no good without Vitamin D. Same as ER, PR

References: Vitamin D by Feldman

1. Cite references 1, 2 4, 5

The Active Vitamin D metabolite 1,25(OH)₂ D₃ & The Cancer Cell

In vitro: Cell cycle arrest G₀ and G₁. Prevents entry into S

Activates Rb > expression of genes for CDKN Inhibitors 1A (p21)

and CDKN inhibitors 1B (p27)

References 8-10

What are the CDK's ?

Explain CDK and CDKR 02



Understanding Vitamin D

Historical: Timeline | Thoughts | Beliefs

Original thinking: 19th century

Justus von Liebig (German chemist) et al

Adequate diet believed to be proportion of protein, carbohydrate, fat and mineral needed to support life.
(12% protein/ 5% mineral/10%-30% fat/remainder carbohydrate (63%-73%)

End of 19th century ,Beginning of 20th century, this view was challenged.

1. Eijkman's study

Prisoners Dutch West Indies fed polished rice.

Many developed beri beri

This fellow found this disease could be cured by feeding whole rice or by returning hulls to polished rice.
Incorrectly thought polished rice contained a poison that was neutralized by the hulls.

2. Grijns

Solved the riddle. He discovered the hull of the rice contained an important nutrient that prevented beri beri.

3. British sailors developed scurvy .

This was cured by eating limes, sauerkraut and fruits.

Term Limey was used to describe British sailors.

4. Lunin, Magendie, Hopkins, Funk

Experiment showed diet containing carbohydrate, protein, fat and salt was not adequate to support life of experimental animals.

5. Hopkins

Growth test.

Natural foods supported growth in laboratory animals whereas purified foods did not.

PLEA of GRNY part 1 Introduction : 2018.

6. Funk

"vital amines" in natural sources was needed to provide nutrition. Therefore term Vitamins.

Vitamin D Discovery

1900's : 20th Century

Sir Edward Mellanby

Great Britain

Rickets possibly caused by a dietary deficiency

Experiment : Fed dogs oatmeal in a region(Scotland) where rickets was highest .



Understanding Vitamin D

Historical: Timeline | Thoughts | Beliefs

cont.

McCollum kept dogs on oatmeal indoors (no light)

Dogs came down with bad rickets.

Mellanby fed the dogs cod liver oil to cure or prevent the disease. This fellow did not know whether it was due to Vitamin A which was known to be present in cod liver oil or something else.

Initial conclusion on cod liver oil as a cure for rickets was ascribed to Vitamin A.

McCollum was still at it!

Moving from Johns Hopkins to Wisconsin and continued his experiments into fat soluble materials.

They did experiments that destroyed Vitamin A , but some element still remained that could still support growth and prevent a disease called exophthalmia.

These experiments confirmed something new and before this time unknown.

McCollum called it Vitamin D.

Because of joint work by McCollum and Mellanby a new nutrient was discovered.

News Alert: Vitamin D is not a Vitamin

Still in 20th Century: Contemporaries of Mellanby

1. Hulshinsky , Chick et al
Discovered that by putting children in sunlight or artificial ultraviolet light, they were cured of rickets. This result confirmed that sunlight exposure and ultraviolet light = same result as giving cod liver oil.
2. Steenbock and Hart discovered sunlight in goats and small laboratory animals resulted in a positive calcium balance.

Steenbock was on to something. He compared lactating goats outside with lactating goats inside and discovered outdoor animals maintained a Positive calcium balance.
3. Hess and Weinstock took this logic further.



Tumor Associated Macrophages

TAMS

The Microscope, Vitamin D, and Cancer

How does this help us with cancer?

OK: What does MAPK- 1 (mitogen activated kinase phosphatase 1) do again ?

Answer: It is a kinase inhibitor. It inhibits MAP Kinases.

So? What do MAPK (Mitogen Activated Protein Kinases) do?

Answer: Another good question . MAP Kinases are activated by LPS .

Got that? This leads to cytokine production. This includes TNF alpha and IL-6 MAP Kinases MAPK include ERK, JNK and p 38. They are the proteins responsible for regulating cytokine production.

Next question:

What the heck is LPS again? Good question.

LPS is a main component in the wall of bacteria. It is recognized as foreign by your immune system by special receptors on the cell surface. This sets off a host of reactions resulting in your immune response.

Your next question should be: Isn't this a good thing to have happen?

Answer: It sure is BUT "too much of anything ain't good for you."

Too much of a "good thing" i.e cytokines, will result in increased and unresolved inflammation.

Now, what do cytokines do and how and why is control needed? More great questions.

1. Cytokines improve and participate in defense of the host.
2. Too much cytokines production takes it too far. Vitamin D tones that down.
3. Remember too much of a good thing results in uncontrolled inflammation which recruits more and more macrophages. Bad situation. This results in even more cytokine production.

Laypersons / Lay Discussion

Analogy: You get a piece of glass, wood, or rock stuck in your foot unknowingly.

1. Within a week, you notice redness, swelling, heat and pain.
2. That is your immune response at work.
3. That is your first second line of defense at work.
4. Macrophages lounging in the tissues recognized bacteria introduced in the tissues with the glass and sent out the alarm.
5. That alarm is in the form of chemicals called cytokines. These signals are sent to your brain alerting you that you have a problem. Pain is the response that tells you something is wrong.
6. Some signals are sent out as a general SOS/ a general alarm recruiting more macrophages and other members of the immune system (see the list of members), to come help because "we have a problem here, we have an intruder."



Tumor Associated Macrophages

TAMS

The Microscope, Vitamin D, and Cancer

cont.

What does this have to do with Cancer?

Great question.

Answer: So it is with Cancer. This is an intruder. Macrophages and other immune cells are on the scene in all cancers. The amount of aggressiveness of the cancer may correlate with the intensity of the response by your immune system (if it is working properly, or at all).

Where does Vitamin D fit in?

Vitamin D has many duties/ Vitamin D deficiency

1. One of it's duties is to "tone down" the inflammatory response . This toning down is because of a decrease in amount of activity of proteins responsible for "beating down the kinases." Remember the kinases are responsible for increasing levels of cytokines. Cytokines increase inflammatory response and causes a big recruitment of macrophages. It is believed that TAM's may actually help the tumor. We will talk about Tumor associated Macrophages in Cancer in 2018 and your immune system. It is believed by some that the number of Tumor Associated Macrophages(TAMS) correlates with prognosis. See Dr. Bradley Turner's discussion.

So there you have it.

Kinases, kinase inhibitors, and macrophages in lay terms.



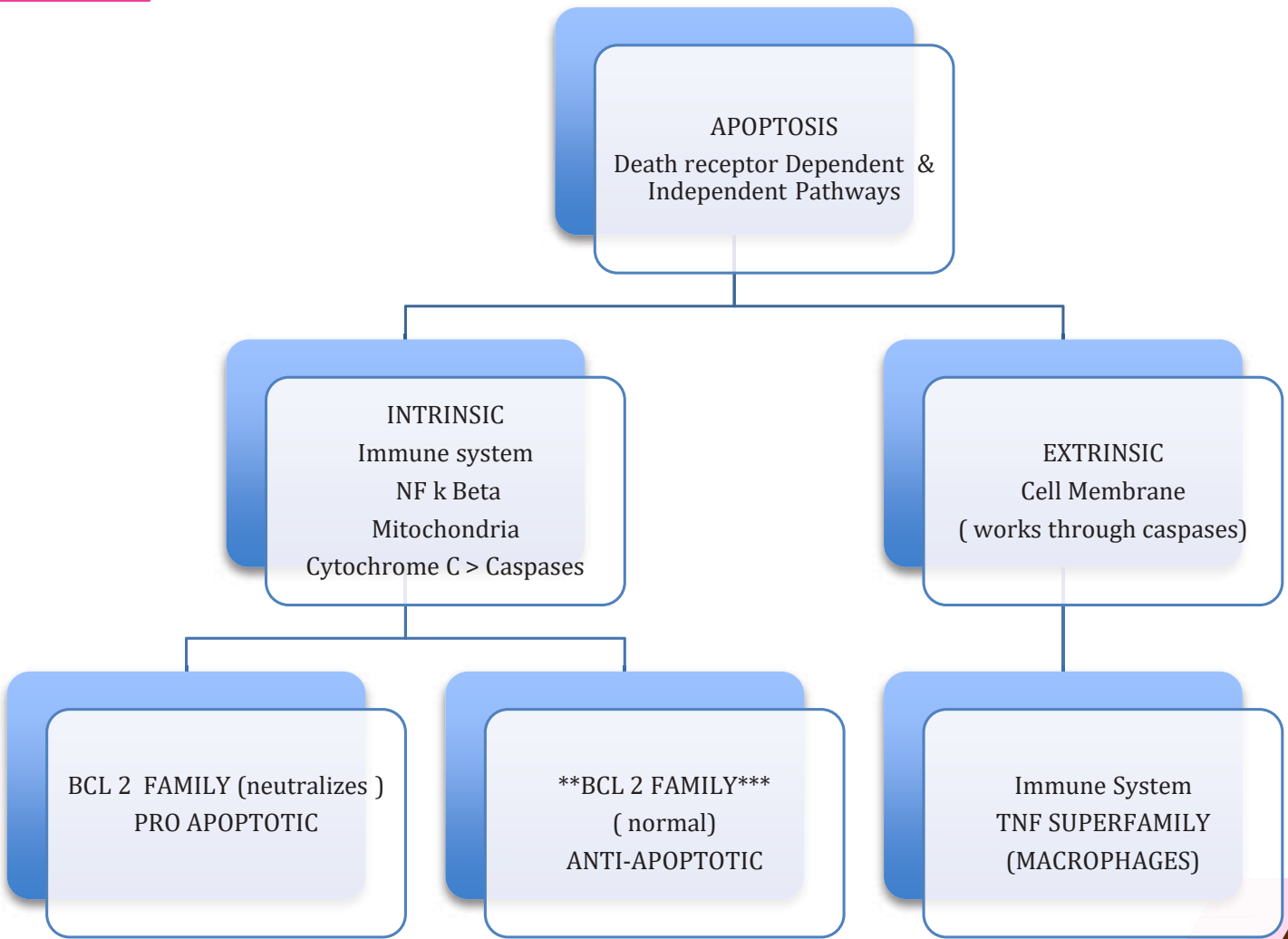
Worldwide Vitamin D Status

<p>NORTH AMERICA (33-42 degrees) INCLUDING CANADA AND MEXICO NHANES '88-94 & 2001-2004 Canada data 2001-2009 Canadian Health Measures Survey 6-79</p>	<p><50 nmol/L: 33% pregnant 42% non-pregnant 18% children 22-36% older people < 27.5nmol/L esp. high African-American men and women from the Southeast.</p>
<p>SOUTH AMERICA (23-55 degrees) (Chile, Brazil, Argentina)</p>	<p>< 50 nmol/L Observed in adolescents, resident physicians and older people (esp. institutionalized). Higher D3 values present at lower latitudes.</p>
<p>EUROPE</p>	<p>Better in Nordic Countries due to higher intake of cod, cod liver oil, liver in Norway and Sweden. Not as good in Finland.</p>
<p>MIDDLE EAST</p>	<p>Lower than would be expected due to abundance of sunshine. CLOTHING</p>
<p>ASIA Russia, Mongolia, China, India</p>	<p>Low PIGMENTATION</p>
<p>Central AFRICA Southern Africa</p>	<p>Good. However, 50% Vitamin D deficient (< 50 mol/L)</p>
<p>OCEANIA (27-46 degrees) Lower latitudes</p>	<p>Prevalent in East African immigrant kids and adolescents living in Melbourne Higher values of D3</p>
<p>RISK GROUPS Pregnancy, premies, older folks, nursing homes residents,</p>	
<p>CONCLUSIONS</p>	<p>Severe Vitamin D deficiency in babies of low birth weight, older people, people in nursing homes, people with pigmentation, people who wear a lot of clothing to cover up, pregnancy. Middle East/China/Mongolia/India</p>



Apoptosis

Breakdown





PLEA of GRNY **2017**
Seminar
Dedications



Giving **Back**

Thank you to our Locust Hill Site Coordinator 2013-2017



Dr. Kamal Kothari has been our site coordinator at Locust Hill since 2013. Because of her moral support, encouragement, belief in what we do, and always being there to offer encouragement, PLEA of GRNY has continued to grow.

Thank you Dr. KK!

***Say hello if you see her,
she is a great lady!***





Layperson Definitions

Getting Laypeople Involved in Learning and Teaching; “Our First Recruit”

1. **Apoptosis** – rids the body of unhealthy cells. Apoptosis happens when there cells are under stress.
2. **Caspase** – plays an important role in programmed cell death.
3. **BCL-2** – stops apoptosis.
4. **Cell death** – the cell is not able to maintain life functions to survive.
5. **Cell proliferation** – production of new growth of cells.
6. **Tissue** – cells working together for a particular function. (There are about 10 to the 14th number of cells in our body)
7. **Organs** – are made up of tissues and cells. (Ex. heart, kidneys, skin, liver. They have a specific function for our body.
8. **Programmed cell death** – gets rid of cells that pose a danger to us. Sometimes it gets rid of mutated cells that could lead to cancer
9. **Deoxyribonucleic Acid (DNA)** – the chemical basis for heredity. DNA looks like a twisted ladder under a microscope.
10. **Genomes** – genetic makeup of organisms.
11. **Mutations** – cells that may be damaged, which can lead to cancer
12. **Necroptosis** – provides another way of cell death when apoptosis does not occur.
13. **Tumor Necrosis Factor (TNF or Cachectin)** – a natural protein that is produced in the body. It causes excessive weight loss in people with cancer.
14. **Polypeptides** – contains 10 or more amino acids.
15. **Proteases** – role is to tear down tissue barriers in the spread of cancer.
16. **Protein** – is important in our diet for growth and to repair tissue.
17. **Proapaptotic** – makes conditions favorable and/ or cause death.
18. **Bax** – a member of the BCL-2 family and is responsible for cell death.
19. **BAK** – a member of the BCL-2 and it speeds up apoptosis.
20. **Stem Cells** – can divide and produce more cells.
21. **Cell Lineage** – the developmental history of a tissue or organ from the fertilized embryo.

Thank You

Thank you to my baby sister, also known as "Two-Eye", Ms. Martha Nell Young Braddy, Vice-chair of the Mississippi Witness Project in Jackson, Mississippi. She travels from Mississippi every year to be with us. She is 1/2 Laypeople to be the first to participate in presenting material at these seminars. She is the first Layperson to submit teaching material. Also a big thank you to my oldest living brother, Gil Sturgis, who makes the annual trip as well.



Tribute to Thelma Marie (Thomas) Reagor

Our beloved sister, Thelma, was beyond amazing. She had a heart of gold. We all rallied around her when she was diagnosed with breast cancer at the age of 39. She had a double mastectomy, only after the doctors reviewed her mammograms prior to the surgery. They noted calcifications in the other breast, and discussed doing a biopsy during the surgery to determine if there was cancer in the other breast. Prior to her diagnosis she had been plagued with cystic breast and had some cysts surgically removed.

The diagnosis of breast cancer didn't deter Thelma from continuing to lead her life. She had a keen sense of humor and used this humor to make it through some tough times. Even, with losing her beautiful head of hair after chemotherapy, she found some humor in telling us she had a perfectly shaped head.

She was not only amazing as she coped with her diagnosis, but, she was a supermom to her daughter, Courtney LaChelle, who was diagnosed with severe asthma at the age of 6 months. Thelma assumed her care, as only she could. She often advised the doctors on the appropriate dosage of medications when Chelle was hospitalized with an asthma episode. She was in the hospital regularly, on and off ventilators. She spent time at National Jewish Health Hospital in Denver, on at least three different admissions. The family usually vacationed to Dallas to visit the Reagors, because, Chelle was restricted on travel, due to her asthma condition.

Chelle died at age 20, one year prior to Thelma. Thelma always said, "God knew to take Chelle first because He knew she needed to be here to take care of her baby". Thelma's valiant fight with cancer came 5 years after the initial diagnosis/surgery. The cancer came back with a vengeance. The doctors were surprised that it was the original cancer that invaded almost every organ in her body.

She fought a good fight right up to the end. She was placed on hospice about one month prior to her death. Family members, along with her husband, took turns staying with her, and trying to keep her comfortable.

A gentle soul was silenced when she passed. She made a mark on life during her 46 years on this earth. She held a Bachelors degree in Education, from Southeastern State College in Durant, Oklahoma. She worked for the US Government as a supervisor for the IRS in the Dallas, Texas region for several years. She was a tough person when it came to the IRS. She was a member of the Red Sea Missionary Baptist church in Desoto, Texas. She was salutatorian of her high school graduating class, and had high hopes of opening a private school for children.

In loving memory,

*Your sisters, Dr. Mary K. Sweeney,
Marian McDaniel, Dr. Doris Gordon,
Lois Jones.*



[A gentle soul was silenced when she passed]



My Big Brother

We are proud of you. Thank you for traveling from Mississippi to support us.



Gil Sturgis

Gil is a proud supporter of the Physicians and Laypersons Educational Associates of Greater Rochester New York's 2017 Annual City Wide Multidisciplinary Breast Cancer Seminar at Locust Hill Country Club.



He travels from Mississippi annually to show his support for this educational seminar.



SAVE THE DATE
March 11



SAVE THE DATE
March 11

Greater Clark Street Health and Wellness Ministry

Presents a **FREE** Community Cancer Education Seminar:

Faith, Cancer and Medicine

Saturday, March 11, 2017

8:30 am

Presentations by:

Dr. Ruby Belton

Breast Cancer Imaging Specialist

Physicians and Laypersons Educational Associates Greater Rochester, New York (PLEA of GRNY)

Website: <http://pleaofgrny.org/>

Melody Fortune, PhD, CPM

Assistant Professor in Healthcare Administration

Delta State University

Jimmie Wells, MSN, RN, OCN

Oncology Nurse

MS Partnership for Comprehensive Cancer Control (MP3C)

Lunch, Vendors, Health Screenings, and Door Prizes

This Cancer Education Seminar will provide attendees an opportunity fellowship, learn about cancer survivorship, faith, how cancer impacts the congregation and the state of Mississippi.

Contact Bess C. Blackwell MSN, RN for additional information at 601-259-5002

Registration is highly recommended for lunch and door prizes

Eventbrite - **Faith, Cancer, and Medicine** -Registration Link:

<https://faithcancermedicinegreaterclarkstreet.eventbrite.com>

or email Tiffaniewyoungty@yahoo.com

Sponsors:

**MS WITNESS PROJECT
CANCER SUPPORT ORGANIZATION**

GREATER CLARK STREET HEALTH AND WELLNESS MINISTRY

Greater Clark Street MB Church

Eric E. Knapp, Pastor

415 N. Gallatin Street

Jackson, MS





Layperson Terminology

2017 Laypersons Vocabulary Study List

- 1. Vitamin D:** A steroid in the same family with Estrogen, Progesterone, Testosterone. They are all made from Cholesterol!
Cholesterol 2018
- 2. Extrinsic:** From the outside
- 3. Intrinsic:** From the inside
- 4. Apoptosis:** Programmed cell death. Cell suicide. (Immune System / extrinsic , & “wave of Death” calcium (Vitamin D) Intrinsic
- 5. Pro apoptosis** = in favor of cell death (adequate Vitamin D and properly functioning (working) Immune System).
- 6. Anti -Apoptosis** = not in favor of cell death.
(example Bcl protein .Remember Oncotype Dx from 2016 Seminar? One protein used to assist in management of the breast cancer patient.) 2016 Seminar.
- 7. Anti-proliferative:** to stop growth and or spread of cancer (Vitamin D).
- 8. Proliferative** = to grow and/or spread. (Inadequate Vitamin D)
- 9. Anti-inflammatory** (LAY) to work against inflammation. (Adequate Vitamin D)
- 10. Inflammation** = excite anger, tumult disorder. (Vitamin D Deficiency examples: Rheumatoid, Psoriasis, MS).
Overactive Adaptive Immune System.
- 11. Vitamin D** = anti-inflammatory. Medical MAPK, MAPP Pathways: 2018
- 12. Chemokines:** Type of cytokine when overactive (Immune System) induces proliferation and is Anti-apoptotic. Recruits White cells (leukocytes) and T cells (a type of immune cell.) Beware when the Pathology report describes “lymphocytic infiltration.” CHEMO = CHEMICAL & KINE = MOVEMENT
- 13. Cytokines:** Substances produced by a variety of cells (T cells, B cells, mast cells, Macrophages, cells in the microenvironment, cells that line blood vessels (endothelial cells). Immune System.
(CYTO = CELL KINE = MOVEMENT)
- 14. Macrophages:** Type of Immune System cell. Produces Tumor Necrosis Factor (TNF).
MACRO = LARGE & PHAGE + EATER
- 15. Tumor Necrosis Factor:** a cytokine: Pro-apoptotic PRO = IN FAVOR OF APOPTOSIS = CELL SUICIDE
- 16. Tumor Associated Macrophages:** See handout.
- 17. Hierarchy:** To rank (cells /trillions, tissues/4, organs /78 and systems/11)
- 18. Microenvironment:** Environment surrounding nucleus and between and around cells.



Island Life

Article



Tuesday, July 18, 2017 • Page 22

Island Life

Waste expert to 'talk trash' at town hall meeting

A presentation and discussion co-hosted by Antilles School will soon give St. Thomas residents the chance to "talk trash" with Allison Fraley, Solid Waste Program Development coordinator for Kauai County in Hawaii.

The public forum will be held on Monday at 6 p.m. in the Prior Jolley Hall at Antilles. All residents are welcome and encouraged to attend.

Fraley, who has helped to establish Kauai's solid waste management system (including backyard composting, effective public education programs, and solid waste diversion), was invited by the Coral Bay Community Council to share her experiences transforming the solid waste programs on her tropical island.

During her visit to the Virgin Islands, July 24 to 28, Fraley also will meet with Waste Management Authority officials and VI senators, and will participate in forums on St. Thomas and St. John.

Since coming on board in 2000, Fraley's efforts have helped significantly increase Kauai's waste diversion rate, which is at 43 percent.

Putting in place effective programs has been a key part of Fraley's strategy, including championing the pas-



Allison Fraley

sage and enforcement of legislation banning commercially generated cardboard, metal and green waste at the Kauai County landfill.

"This has had a major impact on commercial waste diversion," according to Fraley. "Meanwhile, backyard composting is our least expensive program and also does a fantastic job of diverting residentially generated food and yard waste from the landfill with no costs for hauling or processing material."

Fraley has been successful in advocating for the hiring of more staff to develop, contract, monitor and educate about waste diversion programs.

"Kauai has a 43 percent diversion rate and shares a number of similar variables (tropical island, topography,

climate, population, high tourism industry, transportation issues) making them ideal to look to, learn from, and perhaps copy here in the Virgin Islands," said Scott James, Environmental Programs associate at the Coral Bay Community Council. "It's wise for us to look to other island systems to see how they are handling their solid waste issues, their successes and pitfalls, and then see if we can emulate it here."

Fraley's interest in recycling and solid waste diversion started in college and turned into a full-fledged career in 1994, where she started working at Ecology Action, a nonprofit in Santa Cruz, Calif.

She worked there for six years before moving to Kauai in 2000, be-

coming the county's first paid staffer focusing on recycling. Fraley has since moved on to her current position within the Solid Waste Division, assisting with oversight of all areas of solid waste management on Kauai.

Fraley's visit is possible through a solid waste management grant awarded to the Coral Bay Community Council from the U.S. Department of Agriculture.

Her presentations and discussions are being co-hosted by the VI Waste Management Authority, the Department of Planning and Natural Resources-Coastal Zone Management, Island Green, E.A.S.T., Virgin Islands Conservation Society, and Plastic Free Island: St. John and Antilles School.

St. Croix hosts archaeologists and the public is invited

More than 100 archaeologists will convene on St. Croix on Monday for the 27th biennial Congress of the International Association for Caribbean Archaeology (IACA).

More than 100 papers and posters have been submitted for this professional meeting. Some submissions are from St. Croix and the other Virgin Islands, covering the archaeology of the Virgin Islands. Others are from archaeologists in Denmark, England, Holland, the mainland U.S., Canada, and many Caribbean islands.

The St. Croix Archaeological Society, along with the National Park Service on St. Croix, are the co-hosts and co-sponsors of this event, which is being held in the Virgin Islands for the first time. Day passes will be available for people to attend presentation of the papers. Presentation sessions of the papers will be throughout the week, Monday to Friday, July 28 at the Divi Conference Center.

The St. Croix Archaeological Society is seeking volunteers. It needs people to work short shifts at the conference. If you enjoy meeting people, helping them register, or talking about St. Croix, your help is needed. Many individuals, and groups have helped financially, along with the Tourism Department, the Transfer Contentional Commission, the Office of the Governor, The State Historic Preservation Office, and the French government.

For more information, contact iaca2017@stcroix2017iaca.org, visit iaca2017stcroix.org or call David Hayes at 340-277-4072.

Symposium focuses on breast health



Dr. Douglas Belton, back row, fourth from right, and Dr. Ruby Belton, seated left, co-founders of the Physicians and Laypersons Educational Associates of Greater Rochester, N.Y., held a free breast cancer symposium on June 15 at the Ritz-Carlton, St. Thomas. Topics included types of breast imaging, vitamin D deficiency and breast cancer, and ethnicity, risk factors for vitamin D deficiency and cancer. To learn more, visit peaofgny.org.

Areannah Agathe named to Loyola dean's list

Areannah Agathe, of St. Croix, a member of the class of 2019, has been named to the spring 2017 dean's list at Loyola University Maryland.

In order to qualify for the dean's list at Loyola, a student must achieve a minimum GPA of at least 3.500 for the term, provided that, in the term they have successfully completed

courses totaling a minimum of 15 credits.

2 from St. Thomas earn B.A. degrees at Ohio Wesleyan

Ohio Wesleyan University in Delaware, Ohio, held its 173rd commencement on May 13.

The OWU Class of 2017 included 383 spring, summer, and fall graduates, with students representing 29

countries from Afghanistan to Venezuela. Locally, Ohio Wesleyan's Class of 2017 included Kelsey Morrison and Bianca Sibilly, both of St. Thomas, who both earned Bachelor of Arts degrees.

As the graduates celebrated their commencement, they also were encouraged to see their liberal arts education to become global problem-solvers.

Lorenzo Donastorg earns two degrees from UVI

Lorenzo Alberto Donastorg received both his Master of Business Administration, with a grade-point average of 3.97, and his Associate of Arts in Accounting, with a grade point average of 3.54, from the University of the Virgin Islands. Additionally, Donastorg was ranked in the



Lorenzo Alberto Donastorg

top 15 percent of his class.

Donastorg is the son of retired Capt. Al M. Donastorg Sr. and retired teacher Noel M. Donastorg, who said, "God bless you! We love you, champ."



Caribbean-Wide Symposium

2017 PLEA of GRNY Feedback

Registration - I felt the Symposium was well organized. Registration was quick and easy - you signed in and received your packet.

Refreshments - I thought the refreshments were a practical and nice touch. Many folks were coming directly from work without dinner and having something to eat kept their minds focused on the presentation. The food was delicious and nutritious!

Presentation - The presentation was very informative and empowering. Certain portions were repetitive; however, I felt that it only helped to reinforce important points. Vitamin D, Immune System, Mammograms, Macrophages, DNA....all important aspects in preventing, detecting and fighting breast cancer. I took good notes from the information given will follow up to get suggestions that I can follow up on with my doctors when taking my annual mammogram and in creating a profile for cancer screening."

"The presenters were accessible and freely shared their knowledge with attendees."

"I would definitely recommend persons to attend the Symposium. More persons would have definitely benefited from the presentation; however, seating was limited."

"The symposium was an eye opener for both men and women and how we care for ourselves."

"Thank you for an exceptionally educational symposium. I learned more in that one session than I have since diagnosis in 2013 and my biannual checkups. Your organization is providing a vital service to our community. YOU ROCK!!"

"Excellent Symposium! Time well spent!"

"Thanks for the opportunity to attend!"

1. "Speakers were informative, knowledgeable and personable. They loved the welcoming interaction."
2. "News of the success of the conference spread like wild-fire and I had at least 25 more people approach me wanting to know when you would be back for another conference."
3. "Your Vitamin D talk was raved by the attendees. Apparently, many of them suffered with this, but never knew how serious it could be."

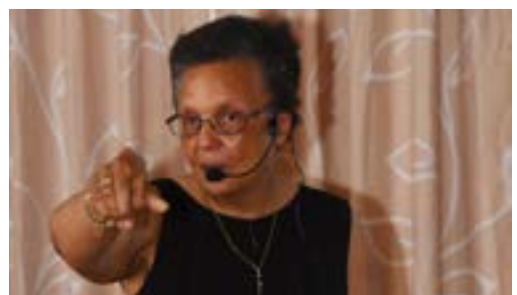
Mrs. Marilyn-Ayala Johnson
~ Major Attendance Organizer





Caribbean-Wide Symposium

2017 Virgin Islands Event





Caribbean-Wide Symposium

2017 Virgin Islands Event





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**Jefferson Veterinary Hospital
supports the Physicians
and Laypersons Education
Associates of Greater Rochester
New York's 2017 Annual City
Wide Multidisciplinary Breast
Cancer Seminar.**



Dr. Bryce Hauschildt



Mr. Kenneth Stanley

Layperson

PLEA of GRNY

*2017 Lead Layperson
of the Year*

Mr. Kenneth
Stanley

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Physicians and Laypersons
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AKA PLEA of GRNY

**2017 Annual City Wide
Multidisciplinary Breast Cancer
Seminar at Locust Hill Country Club**



Nana Duffy, MD

Dermatology

*Genesee Valley Dermatology
& Laser Center*

*Co-Founder Black Physician
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Dr. Gina
Cuyler

President & Co-Founder
*Black Physicians Network
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Multidisciplinary
Breast Cancer
Seminar at
Locust Hill Country Club**



*Linked in Friendship, Connected in Service
Rochester (NY) Chapter*

Salutes

Douglas Belton, M.D. and Ruby L. Belton M.D.

for their untiring effort in providing critical information to the Rochester Community about Breast Cancer.

We are a proud sponsor of tonight's event.

Please consider joining with The Rochester (NY) Chapter The Links, Inc. team as we walk in the Making Strides Against Breast Cancer.

Or make a donation at:

<http://main.acsevents.org/goto/RochesterLinks>

Share your PASSION so NO ONE WALKS ALONE.

The American Cancer Society is our National Black Women's Breast Health partner and the Eastern Area Umbrella (Health Equity Ambassadors: A Global Quest) Program, Lead Sponsor.

About The Links, Incorporated

The Links, Incorporated is an international, not-for-profit corporation, established in 1946. The membership consists of nearly 14,000 professional women of color in 282 chapters located in 41 states, the District of Columbia and the Commonwealth of the Bahamas. It is one of the nation's oldest and largest volunteer service organizations of extraordinary women who are committed to enriching, sustaining and ensuring the culture and economic survival of African Americans and other persons of African ancestry.



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The University of Rochester supports the
Physicians and Laypersons Education
Associates of Greater Rochester
New York's 2017 Annual City Wide
Multidisciplinary Breast Cancer Seminar.





**“Genesee Baptist Church
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Reverend Dr. Vera Miller



**We support the
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**2017 Annual City Wide Multidisciplinary
Breast Cancer Seminar
at Locust Hill Country Club**



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Scott **COMPTON**

**Thank you
for being a
loyal supporter
since 2013!**

Mr. Scott Compton from Radnet has been with us since we started in 2013. Thank you for supporting us before we were PLEA of GRNY. We are personally grateful for your support, and hope you will continue to do so. Our community of laypeople and physicians, who come to share and gain knowledge, are so appreciative. PLEA of GRNY and the community say thank you for believing in the dream "Education for All".



Say hello to Scott if you see him and thank him personally!