

SCHEDULE FOR INTRODUCTION TO THE USE OF GENOMIC TESTING IN THE ORIENTAL MEDICINE PRACTICE -PART 1 _ ADRENALS and THYROID

SATURDAY APRIL 30th 2016 9 am -6 pm @ Santa Fe Soul

7-845 A - Setup

8-845 – Registration

845 – 9 A - Intro / Welcome

9-10 AM - Dr .Klein – Review of normal anatomy and physiology of Adrenals and Thyroid

10-10 15 A - Break

1015-11 15 A – Dr Veltmann – Introduction to Genomics

11:15- 11:45 A - Dr. Veltmann – Applied Genomics

1145- 1215 – q& a / Summary / reflection

12 15- 1 15 Lunch

115- 130 Intro to the afternoon

130-230 – Adrenals – Red Flags and Testing – Blood, Urine, Saliva _Dr Klein, Dr Ross

230- 245 – break

245 – 345 – Thyroid – Red Flags and Testing - Dr Klein, Dr Ross

345- 415 – Case Studies - Drs Klein, Veltmann, Ross

415- 430 Break

430- 600 – Case Studies / Q& A /Reflection Drs Klein, Veltmann, Ross

600- 630PM Evals and Certificates

630 – breakdown and close



SUBJECT MATTER AND LEARNING OBJECTIVES FOR INTRODUCTION TO THE USE OF GENOMIC TESTING
IN THE ORIENTAL MEDICINE PRACTICE - PART 1 _ ADRENALS and THYROID

SATURDAY APRIL 30th 2016 9 am -6 pm @ Santa Fe Soul

- 1) Review normal anatomy physiology biochemistry and basic pathology of adrenal and thyroid glands
- 2) Review and evaluate diagnostic protocols for adrenal and thyroid function / dysfunction using blood saliva urine and genomic testing
- 3) Define appropriate treatment options for hypo / hyper thyroidism and chronic and acute adrenal exhaustion and fatigue
- 4) Use case histories to integrate didactic information with clinical situations.

Subject matter:

Review of basic anatomy physiology pathology and biochemistry

Introduction of genomic concepts testing, and application in a clinical environment to optimize thyroid and adrenal function

Review of safety considerations (red flags) associated with thyroid and adrenal testing using blood urine and saliva

Case studies to identify when to use appropriate prevention and treatment strategies.

Roberta L. Kline, M.D., FACOG
2713 Nublado Court
Santa Fe, NM 87505
505.231.6164

Dr. Roberta Kline is a physician, healer, author, teacher and entrepreneur who is passionate about empowering others with the knowledge and tools they need to create personalized health of mind, body and spirit. She is a leader dedicated to achieving her vision of transforming healthcare using personalized genomic medicine through collaboration, education and authorship.

Experience:

2015-present

NCG Health Solutions LLC

Co-founder, CEO

Blending nutrition science, culinary arts, and genomic medicine to transform healthcare. Advancing the knowledge, understanding, and application of genomics and personalized nutrition from your DNA all the way to the food on your plate. Educating healthcare professionals through online and live courses, workshops, and seminars to provide very clinically oriented resources and tools to take their practices and patients to the next level of personalized health.

2014-present

GENESIS Center 4 Personalized Health® LLC

Co-founder, CEO and Chief Medical Officer

Learn. Heal. Grow. Empowering individuals and healthcare practitioners to improve health through the seven variables that make up the GENESIS model, the networks and interconnections between them, and how to integrate genomics into this web to create truly personalized health. Responsible for overseeing initial phases of research and development to create teaching clinic, including content creation, software development of programs to be licensed, strategic planning, legal and finance. Individual functional genomic consultations.

2013-present

Genomic Solutions NOW!® LLC

Co-founder, CEO and Chief Medical Officer

Genomics for clinicians by clinicians. Providing solutions, empowering people to make healthy choices based on their DNA. Online resource for clinicians through education and training, consulting, testing and interpretation, and research. Dedicated to advancing the clinical application of genomics and epigenetics in creating individualized health based on one's genes. Responsible for overseeing marketing, website and IT development, daily operations, legal and financial operations; co-creating genomic reports and interpretations, course content, strategic planning, product development.

Roberta L. Kline, M.D., FACOG

2010-2014

Roberta L. Kline, MD LLC

Founder, Physician/Owner

Integrative women's health practice. Pioneered the combination of functional and energy medicine with genomic testing and interpretation to create personalized health, addressing the unique root causes of disease and wellness for each patient on the physical, emotional, spiritual, genetic and energetic levels. Responsible for all aspects of patient care and business operations.

2012-2013

Holistic Chamber of Commerce

Co-founder and Vice-President, Connecticut Chapter

Part of a national organization promoting healthy people for a healthy planet, dedicated to providing health, lifestyle and business training for holistic practitioners and businesses. The mission: to help members learn and grow professionally, provide networking opportunities, raise public awareness of the benefits of holistic businesses and services, and connect members with consumers in their communities. Fastest growing chapter nationally in the first year.

2011-2015

University of New England College of Osteopathic Medicine

Assistant Clinical Professor, ECHN campus

Providing didactic lectures for medical students and Family Practice Residents on functional and integrative medicine, genomics and energy medicine within a holistic framework.

2012-2014

University of New England College of Osteopathic Medicine

Steering Committee Member

Functional Medicine Curriculum Development, ECHN

One of a select group of healthcare professionals charged with creating and implementing a Functional Medicine curriculum for the new Family Practice residency program at ECHN. Launched successfully in July 2013, curriculum development is ongoing. This is the first medical residency program nationwide to integrate functional medicine as part of the curriculum from the outset.

2012-2015

The Graduate Institute

Guest Faculty Instructor

Designed and implemented the functional medicine component for the Integrative Health and Healing Master's Degree Program. Sole instructor for the weekend course given to each cohort, teaching integration of functional medicine, energy medicine, genomic testing and interpretation.

Roberta L. Kline, M.D., FACOG

1998-2009

Ob-Gyn Group of Manchester, PC

Physician/Partner

Group practice providing comprehensive obstetrical and gynecological care to women of all ages. Managing partner for Human Resources, working with the office administrator to oversee 40+ employees, manage staffing, write and conduct performance reviews, ensure compliance with privacy regulations and office policies. Created and supervised the Nurse-Midwifery practice. Managed provider on-call and office schedules for nine providers, implementing strategies to maximize space and offer extended hours. Responsible for selecting and implementing new electronic practice management system. Initiated numerous safety initiatives for office and hospital procedures.

1997-1998

Sumter Ob-Gyn Associates, PC

Physician

Provided comprehensive obstetrical and gynecological care, initiated numerous patient-centered care changes for office and hospital services.

1994-1997

20th Medical Group, Shaw Air Force Base

Staff Physician, Chief of Ob-Gyn Division

Awards: Outstanding Service Award

Supervised two nurse-midwives and functioning of the Ob-Gyn clinic, serving as Chief of the Ob-Gyn Division from 1996-1997. Reduced the waiting time for routine pap smears from 9 months to zero through innovative scheduling. Initiated creation of an adolescent clinic in collaboration with the pediatric staff, providing unique services to teen girls.

Roberta L. Kline, M.D., FACOG

Education:

2013

The Psyche Institute for Higher Learning
Certified Level 1 Medical Intuitive

2011-present

Institute for Functional Medicine
Advanced certification program for functional medicine

2009-2010

Institute for the Healing Arts and Sciences
Certified Energy Medicine Practitioner, WISE™ Method

1990-1994

Wright-Patterson AFB Medical Center
Wright State University
Obstetrics and Gynecology Residency Program

Awards:

William A. Nahhas Surgical Excellence Award
First Place, Resident Research Award

1986-1990

University of Connecticut School of Medicine
Degree: M.D.

Awards:

United States Air Force Health Professions Scholarship
Award of Excellence, Connecticut Society of the American Board of Obstetrics
and Gynecology

Achievements:

Independently created foundation for nutrition course, which was subsequently
implemented into the curriculum for medical and dental students.
Co-President Student Council 1986-1988

Roberta L. Kline, M.D., FACOG

1982-1985

University of Connecticut

Degree: B.S.

Awards and Honors:

Magna cum Laude
Phi Beta Kappa
Phi Kappa Phi Honor and Service Society
Mortar Board Honor and Service Society

1981-1982

Connecticut College

School of Liberal Arts

Certification and Licensure:

Connecticut License, Physicians and Surgeons
New Mexico License, Physicians
Board Certified, Obstetrics and Gynecology

Professional Memberships:

Institute for Functional Medicine
Academy of Integrative Health Association
Institute for Noetic Sciences
American Congress of Obstetrics and Gynecology
Fellow 1998- present
Junior Fellow 1990-1998
Chairman, Air Force Section, Armed Forces District Junior Fellow Advisory Council 1994-1995
Vice-Chairman, Air Force Section, Armed Forces District Junior Fellow Advisory Council 1993-1994
Female Junior Fellow Representative, Fellow's Advisory Council, Armed Forces District 1991-1994

Roberta L. Kline, M.D., FACOG

Publications:

The Blood Type Cookbook: Easy, Healthy and Delicious Recipes for the Whole Family. Roberta L. Kline, MD with Joe R. Veltmann, PhD 2014

DNA Testing and Nutrigenomics: Chronic Disease Prevention and Treatment. Joe R. Veltmann, PhD with Roberta L. Kline, MD; to be published 2016 by CRC

Academic Research:

Pilot Study: Endometrial Stripe Width and Characteristics of Transvaginal Ultrasound Compared to Histopathologic Specimen. Wright-Patterson AFB, 1994

Case Report: Herpes Hepatitis in a Nonimmunocompromised Patient. Presented at the Armed Forces District Meeting, Cincinnati, OH 1991

Nutrition Course Syllabus for Medical and Dental Students, created for the University of Connecticut Schools of Medicine and Dental Medicine 1990

Sources of Information for Pregnant Women in an Inner City Population. University of Connecticut School of Medicine, 1989

Military Service

1987-1990

2nd Lt, United States Air Force Reserves

1990-1997

Active Duty, United States Air Force Medical Corps

Highest Rank Achieved: Major

Honorable Discharge

Roberta L. Kline, M.D., FACOG

Teaching Activity:

Community workshops/presentations:

Genomics and breast cancer prevention. Featured Guest on Health Quest: Making a Difference in Your Life radio show. 2014

Genomics and Your Health. Featured guest with Dr. Veltmann on East West Medicine radio show (2 appearances). 2014

Are our meds killing us? Featured guest on Sunday Morning Coffee radio show. 2013

A Holistic Approach to Women's Health. Creator and panel moderator for CT Women's Health Conference. 2013

Why the Belly Fat? Created and led workshop for women. 2013

Understanding Your Hormones. Created and led workshop for women. 2013

Breakthrough to Phenomenal. Featured guest for teleseminar with Carolyn McCormick, for holistic practitioners. 2012

Finding Your Passion. Created and led workshop for holistic practitioners. 2012, 2013

Stress: What Is It and What Can You Do About It? Created and led workshop for insurance professionals. 2012.

Healthcare Professionals:

Basic Genetic Concepts to Better Understand Nutrigenomics. Co-creator of webinar course content. 2015

Introduction to Nutrigenomics. Co-creator of webinar course content. 2015

Estrogen Metabolism: Bringing the Benefits to Your Patients. Co-creator of webinar course content. 2015

Functional Genomics Beyond MTHFR: Nutrigenomics in a Clinical Practice in the Prevention and Treatment of Chronic Diseases and Cancer. Co-creator of content for keynote presentation at National Association of Nutrition Professionals, 2015.

Functional Genomics Beyond MTHFR. Co-creator of webinar course content. 2015

Introduction to Functional Medicine. Created and presented to medical students, residents and faculty. 2012, 2013

Functional Medicine Panel Discussions. Panel participant; for medical students, residents and faculty. 2012, 2013, 2014

Menopause: A Holistic Approach. Created and presented to medical students, residents, and faculty. 2012, 2013

Introduction to Ayurveda, Traditional Chinese Medicine, and Homeopathy. Created and presented to medical students, residents and faculty. 2013

Roberta L. Kline, M.D., FACOG

Detoxification: Applying Genomics to a Functional Approach. Created and presented to medical students, residents and faculty. 2013

A Holistic Approach to Health: Integrating Functional Medicine, Genomics, Epigenetics, and Energy Medicine. Created and presented to master's degree students in integrative health (12-hour weekend course). 2012-2013



Curriculum Vitae

Joseph R. Veltmann PhD FAAIM DCCN
P. O. Box 6455
Santa Fe, New Mexico 87505
505. 986.8835 office
jrveltman@gmail.com genesismatrix@comcast.net

Dr. Joe Veltmann is a scientist, counselor, educator, Fortune 100 business consultant and trend strategist in the field of health, wellness, nutritional product development, integrative and functional medicine, genomics and epigenetics. He has published extensively in nutritional biochemistry and functional genomics and is an acclaimed national speaker.

Professional Experience:

2015 to Present Co-founder, Director and CSO, NCG Health Solutions LLC.

NCG Health Solutions was created with Dr. Roberta Kline MD and Amanda Archibald RD to fuse functional nutrition, the culinary sciences and genomic medicine to create educational webinars, workshops and other media-related experiences for healthcare professionals and the general public. The intent is to boost awareness that food is medicine and how a person's genome contributes to not only in personalizing dietary requirements but also how nutrients and bioactives in food can optimize peak performance.

2013 to Present Co-founder, Vice President and CSO, Genomic Solutions NOW LLC

Genomic Solutions NOW LLC (GSN) was formed in 2013 with Dr. Roberta Kline to develop genomic testing panels and help educate healthcare professionals, nutritional supplement companies and healthcare organizations better utilize genomic and epigenetic testing and interpretation to improve the health outcomes of patients, to develop more efficacious nutrigenomic supplements and lower healthcare costs. More information is available at www.genomicsolutionsnow.com. GSN is also focused on conducting genomic and epigenetic research to better identify, evaluate and understand how and why nutrigenomic and epigenetic interventions mitigate chronic diseases including cancer.

2013 to 2015 Chief Science Officer, Estrogen Gene Test Company

In 2013, Dr. Veltmann was selected to be the Chief Science Officer of the Estrogen Test Company, which was the brain child of Stacia Hachem. Based on his many years of clinical experience using genomic testing and its interpretation, Dr. Veltmann designed the Estrogen Gene Test to help healthcare professionals better understand and treat women at risk for estrogen induced cancer due to cumulative exposure to endogenous or exogenous estrogen. The Estrogen Gene Test (www.estrogenenetest.com) is currently marketed world-wide with a portion of its profits used to fund research in the Hormonal Cancer Foundation, an organization whose mission is to study the long-term consequences of estrogen metabolism interventions and breast cancer risk. In 2015, the company was sold to an international distributor of medical devices.

1996 to Present Founder and Director, GENESIS Center for Integrative Medicine LLC

More than 2,000 people have utilized his clinical expertise in the prevention and treatment of chronic diseases including cancer at the GENESIS Center for Integrative Medicine LLC, which Dr. Joe founded, using the principles of nutritional biochemistry, integrative and functional medicine. For the last 13 years he has improved the lives and well-being of clients around the world integrating genomic testing and interpretation, nutrigenomics and pharmacogenomics in the prevention and treatment of a diverse array of chronic diseases (heart disease, osteoporosis, migraines, heart disease, and Alzheimer's disease) including many types of cancer (prostate, breast and head and neck). Rather than just using genomic analyses only as a diagnostic tool, Dr. Joe used genomic data are part of an comprehensive matrix--GENESIS--where the inter-relationships among and between Genes, Environment, Nutrition, Emotions, Stress, Inflammation and Spirituality are uncovered and action steps prioritized based on the uniqueness of the each individual. Dr. Joe has evaluated more than 4,000 genetic SNPs (single nucleotide polymorphisms) from more than 500 people in the last 13 year.

He was awarded Diplomate status in the College of Clinical Nutrition for high achievement in the field of nutrition. Moreover, the American Association of Integrative Medicine awarded him Fellow status for his achievement, advanced training and knowledge and high professional standards in the field of integrative health care. In 2005 and 2006, he received recognition for his outstanding contributions to the field of integrative medicine from the American Association of Integrative Medicine.

Fortune 100 companies seek his nutritional expertise and understanding of the pharmacodynamic basis of botanicals, nutraceuticals, along with the formulation, marketing and advertising of functional foods. Examples of the more than 12 companies that he has assisted in formulation, marketing and strategizing include: General Mills, Pfizer, Dove, S.C. Johnson Company, Lipton, Purina, Bush Brothers, Unilever and the Nestle Company.

Joe is co-owner of a nutritional supplement company (MediFood) which specializes in nutrigenomics products (nutritional constituents that either up regulate or down regulate genetic expression) and nutritional products for the weekend warrior, scientifically designed to improve performance, stamina, endurance and cognitive function. He is a member of

Scientific Advisory Boards for BioGenesis Nutraceuticals, a nutritional supplement company based in Washington state; his responsibilities include: formulate new products, present at the annual Functional Medicine Forum and presenting two webinars each year.

He has authored more than 40 scientific journal papers, published articles in the lay press and is currently working on an ebook entitled, *Demystifying Genomic Testing and Interpretation: Choosing the Right Test for My Patient*.

1992 to 1996 President & Co-Director, The Indalo Group, 215 Katonah Ave., Katonah, New York 10536

The Indalo Group was the brainchild of Dr. Joe Veltmann and Laurel Byrne. This multi-disciplined holistic health center consisted of 7 health-care practitioners, psychotherapists, massage therapists and nutritional biochemist, who worked independently and cooperatively in the diagnosis, treatment and care of children, adolescents and adults. During the five years the Indalo Group was in existence, the Center helped more than 5,000 people. Dr. Veltmann not only managed a successful nutritional medicine and counseling practice, but he was also the business and marketing director for the Center. For three years he taught a course (*Nutritional and Biochemical Aspects of Addiction*) at the Westchester Institute, a two-year program for drug and rehabilitation counselors. During this same period, Dr. Joe was part of Dr. Jeff Bland's research council for the Institute of Functional Medicine based in Gig Harbor, WA.

1986 to 1992 President, Nutrition Prescription Inc., 12315 Hull Street, Midlothian, Virginia 23113

After leaving academia, Dr. Veltmann moved to Richmond, Virginia and set up his own nutritional consulting business and developed a clinical nutrition practice. During the 5 years he was in Richmond, he attended Virginia Commonwealth University in the counseling department, interned for two years learning many different psychotherapeutic modalities (Gestalt, psychodrama, experiential, family of origin, anger work, addictions, inner child, and couples). He was also the nutritional biochemist with a local holistic health center, which was staffed by several medical doctors (MDs and DCs) and other health care providers.

1983 to 1986 Assistant Professor, Department of Nutritional Sciences, Texas A&M University, College Station, Texas 77840

Dr. Veltmann was hired by Texas A&M University as an Assistant Professor in the Nutritional Sciences Department. He taught undergraduate and graduate courses, developed five new graduate level nutrition courses (*Nutritional Biochemistry, Vitamins, Minerals, Seminars in Nutritional Biochemistry and Nutritional Regulation of Cell Function*), and published more than 25 research papers during his three years Texas A&M (See publications).

1978 to 1983 Graduate Research Assistant, Department of Poultry Science, University of Georgia, Athens, Georgia 30602

Joe received numerous honors as a graduate student for presentations at the Annual Poultry Science Association meetings. He also assisted faculty members in teaching undergraduate and laboratory courses.

1976 to 1977 Research Associate, Cornell University, Cornell University Research Farm, Long Island, New York.

1972 to 1976 Graduate Research Assistant, Department of Animal Science, University of Hawaii, Honolulu, Hawaii

Publications

- 2016 Veltmann, J. R. Jr., Using Physiological and Genomic Data to Decrease Risk of Breast Cancer Recurrence: 10-year Longitudinal Study. On-line Journal American Association of Integrative Medicine. (submitted)
- 2005 Veltmann, J.R., Jr., Integrative Medicine as Personalized Medicine. On-line Journal American Association of Integrative Medicine. (June issue) <http://www.aaimedicine.com/jaaim/june05/veltman-impm.php>
- Veltmann, J.R., Jr., Pharmacogenomics. On-line Journal American Association of Integrative Medicine. (August issue) <http://www.aaimedicine.com/jaaim/aug05/pharmacogenomics.php>.
- 2002 Barrager E., Veltmann, J.R., Jr., Schauss, A.G., and R. N. Schiller. A multicentered, open-label trial on the safety of methylsulfonylmethane in the treatment of seasonal allergic rhinitis. J. Alter. Complement. Med. 8:167-173.
- 1986 Veltmann, J.R., Jr., G. N. Rowland and S. S. Linton. Tibial dyschondroplasia in Single Comb White Leghorn Chicks fed tetramethylthiuram disulfide (A fungicide). Avian Dis. 29: 1269-1272.
- Veltmann, J. R., Jr., L. S. Jensen and G. N. Rowland. Excess dietary vitamin A in the growing chick: effect of fat source and vitamin D. Poultry Sci. 65:153-163.
- Veltmann, J. R., Jr., S. S. Linton, Influence of dietary tetramethylthiuram disulfide (a fungicide) on growth and incidence of tibial dyschondroplasia in Single Comb White Leghorn chicks. Poultry Sci. 65: 1205-1207.

Veltmann, J. R., Jr., L. S. Jensen, and G. N. Rowland. Vitamin A toxicosis in the chick and turkey poults. *Poultry Sci.* 65:538-545.

Veltmann, J. R., Jr., B. C. Hansen, T. D. Tanksley, Jr., D. Knabe and S. S. Linton. Comparison of the nutritive value of different heat-treated commercial soybean meals: utilization by chicks in practical type rations. *Poultry Sci.* 65:1561-1570.

Veltmann, J. R., Jr., and John Dietz. Computer aided instruction for the poultry science student. *Natl. Assoc. College Teachers of Agric.*

Veltmann, J. R., Jr. and S. S. Linton. Experimentally induced tibial dyschondroplasia in chicks fed tetramethylthiuram disulfide. I. Effect of breed and age. *Poultry Sci.*

Veltmann, J. R., Jr., and C. A. Weidman. Comparison of pullet performance fed diets formulated to different nutrient specifications with and without virginiamycin supplementation. *Nutr. Rep. Int.*

Veltmann, J. R. Jr., L. S. Jensen and G. N. Rowland. Partial amelioration of vitamin A toxicosis in the chick and turkey poult by extra vitamin D. *Nutr. Rep. Int.*

1985

Tang, K.N., G. N. Rowland and J. R. Veltmann Jr., Vitamin A toxicity: Comparative changes in bone of broiler and leghorn chicks. *Avian Dis.* 29:416-429.

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Veltmann, J. R., Jr., and E. Ross. Avitaminosis K and the lack of heart lesions in broiler and layer chicks. *Poultry Sci.* 64: 1245-1246.

Veltmann, J. R., Jr., and L. S. Jensen. Interaction between high dietary vitamin A and low dietary vitamin D in the chick and turkey poult. *Nutr. Rep. Int.* 31:299-308.

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Veltmann, J. R., Jr., L. S. Jensen and G. N. Rowland. Exacerbate effect of Vitamin A on malabsorption syndrome in chicks. *Avian Dis.* 29:446-456.

1984

Veltmann, J. R., Jr., F. A. Gardner and S. S. Linton. Comparison of rice hull products as litter material and dietary fat levels on turkey poult performance. *Poultry Sci.* 63:2345-2351.

1983

Edwards, H. M., Jr. and J. R. Veltmann, Jr. The role of calcium and phosphorus in the etiology of tibial dyschondroplasia in young chickens. *J. Nutr.* 113:1568-1575.

- 1981 Veltmann, J. R., Jr., and L. S. Jensen. Tibial dyschondroplasia in broilers: Comparison of dietary additives and strains. *Poultry Sci.* 60:1473-1478.
- Veltmann, J. R., Jr., and J. S. Sharlin. Influence of water deprivation on water consumption, growth, and carcass characteristics of ducks. *Poultry Sci.* 60:637-642.
- Veltmann, J.R., Jr., E. Ross and S. E. Olbrich. The physiological effects of feeding warfarin to poultry. *Poultry Sci.* 60:2603-2611.
- 1980 Veltmann, J. R., Jr., and L. S. Jensen. Lack of response to Georgia kiln dust in broiler chicks. *Poultry Sci.* 59: 1290-1293.
- Bartov, I, L. S. Jensen and J. R. Veltmann Jr., Effect of corticosterone and prolactin on fattening in broiler chicks. *Poultry Sci.* 59:1328-1334.
- Bartov, I, L. S. Jensen and J. R. Veltmann Jr., Effect of dietary protein and fat levels on corticosterone-injected broiler chicks. *Poultry Sci.* 59:1864-1872.
- Jensen, L. S., I. Bartov, M. J. Beirne, J. R. Veltmann Jr., and D. L. Fletcher. Reproduction of oily bird syndrome. *Poultry Sci.* 59:2256-2266.
- Veltmann, J. R. Jr., and L. S. Jensen. Variations in the incidence of tibial dyschondroplasia associated with different environmental conditions. *Avian Dis.* 24:625-630.

Workshops, Webinars, Webinar-based Courses, Invited Presentations:

- 2016 Veltmann, J.R. Jr. and A. Archibald. Cooking with Food that Influence Your Longevity, Vitality and Genes. Santa Fe, NM (Feb 9) webinar
- Veltmann, J.R. Jr. and A. Archibald. The Power of Functional Genomics and Culinary Translation for Fitness and Performance. Santa Fe, NM (Feb 3) webinar
- Veltmann, J. R. Jr. and A. Archibald. Cooking with Food that Talk to Your Genes. Santa Fe, NM (Jan 26) webinar
- 2015 Veltmann, J.R. Jr and R.L. Kline. Genomics: More Case Reports and How to Market Genomic Testing. Hawthorne University (Nov 22) webinar

Veltmann, J.R. Jr and R.L. Kline. Genomics: The Science and Application of Genomic Testing for Nutrition Professionals. Hawthorne University (Nov 8) webinar

Veltmann, J.R. Jr and R.L. Kline. Functional Genomics Beyond MTHFR. Santa Fe, NM (May 10) GSN web-based course

Veltmann, J. R. Jr. Functional Genomics Beyond MTHFR: Nutrigenomics in a Clinical Practice in the Prevention and Treatment of Chronic Diseases and Cancer. Keynote Presentation. National Association of Nutrition Professionals. St. Paul, MN (Apr 30)

Veltmann, J.R. Jr and R.L. Kline. Basic Genetic Concepts. Santa Fe, NM (Mar 25) 2-part GSN web-based course

Veltmann, J.R. Jr and R.L. Kline. Introduction to Nutrigenomics. Santa Fe, NM (Feb 20) 6-part GSN web-based course

2014 Veltmann, J.R. Jr. Clinical Applications of the Estrogen Gene Test. Santa Fe, NM (Nov 3) webinar

Veltmann, J.R. Jr. Breast Cancer (BRCA1, BRCA2) in Women: How Genomic Testing Can Improve Patient Outcomes. Guadalajara, Mexico (Aug 28)

Veltmann, J.R. Jr. Cumulative Estrogen Exposure: How to Reduce Breast Cancer Risk Using the EstroGene Test. Santa Fe, NM (May 13) webinar

Veltmann, J.R. Jr. Genetic Polymorphisms Impact the Stress Response: Treatment and Prevention Strategies Individualized. Santa Fe, NM (Mar 5). webinar

Veltmann, J.R. Jr. Functional Genomics Strategies in the Prevention and Treatment of Heart Disease, Osteoporosis, Breast Cancer and Diabetes. Latin American Association of Personalized Medicine (ALAMP), First Annual Symposium, Mexico City, Mexico. (Feb 6).

2013 Veltmann, J.R. Jr. Osteoarthritis and Rheumatoid Arthritis: New Strategies in Treatment and Management. Santa Fe, NM (July 5). webinar

Veltmann, J.R. Jr. Sleep: Its Impact on the Rhythm of Life, Health and Behavior. Santa Fe, NM (Mar. 5). webinar

2012 Veltmann, J.R. Jr. Maintaining a Functional Immune System Before, During and After Stressful Events. Santa Fe, NM (Nov. 6). webinar

Veltmann, J.R. Jr. Autism Spectrum Disorder: Complex Genetic, Epigenetic and Environmental Interactions Create Opportunities for Nutritional Interventions. Santa Fe, NM (Apr. 3). webinar

Veltmann, J.R. Jr. Individualized Nutrition and Exercise Programs. Scottsdale, AZ (Jan. 18, 19 and 20).

2011 Veltmann, J.R. Jr. Anti-aging nutritional strategies for the clinical nutritionist. International and Associations of Clinical Nutritionists. Baltimore. (Aug 17).

2010 Veltmann, J.R. Jr. Redefining Health: How Personalized Nutrition Can Prevent and Treat Chronic Diseases. Phoenix, AZ (Apr. 17 and 18).

2009 Veltmann, J.R. Jr. Improving patient outcomes using functional genomics. Life Extension Conference. Fort Lauderdale, FL (Nov. 3)

Veltmann, J. R. Jr. Successfully integrating functional genomics into a clinical practice: Empowering the patient and the healthcare professional. Life Extension Conference. Fort Lauderdale. (Nov. 4).

Veltmann, J. R. Jr. and Jan Davenport. The GENE model to reduce healthcare costs, and individualize and personalize health and wellness in a self-insured healthcare plan. Center for Business Intelligence. Baltimore, MD (Mar. 13).

Veltmann, J. R., Jr. Pharmacogenomics in Personalized and Individualized Medicine. Center for Business Intelligence. Baltimore, MD (Mar. 12).

2008 Veltmann, J. R. Jr. Nutritional Strategies to Prevent Recurrence of Breast Cancer among Breast Cancer Patients Using Physiological and Genomic Data. (Poster Presentation) American Institute for Cancer Research, Washington, DC. (Nov. 6 and 7)

Veltmann, J. R. Jr. Supporting Gastro-intestinal Health. International and Associations of Clinical Nutritionists. Baltimore, MD (Sept. 6)

Veltmann, J. R. Jr., Personalized and Individualized Prevention and Treatments Strategies for Chronic Disease using Functional Genomics. Denver, CO. (April 5) and Los Angeles, CA (May 3)

Veltmann, J. R. Jr. Functional Genomics in Clinical Practice: Nutrigenomics and Pharmacogenomics in Chronic Diseases. Bob Fishman Institute, Fort Lauderdale, FL (Mar. 1)

Veltmann, J. R. Jr., Functional Genomics 101, Hormone Replacement Therapy and Breast Cancer Recurrence. Bob Fishman Institute, Fort Lauderdale, FL (Mar. 2)

Veltmann, J. R. Jr., The Role of Functional Genomics, NutriGenomics and Pharmacogenomics in Breast and Prostate Cancers. Functional Medicine Form. Seattle, WA and Los Angeles, CA (Feb. 23 and Mar. 22, respectively)

2007 Veltmann, J. R. Jr., Case History: Resolving Hyperhidrosis (Excessive Sweating) using ImmunoGenomics and Eliminating Food Allergies. Annual Meeting of American Association of Integrative Medicine, Kansas City, MO (Oct. 9)

Veltmann, J. R. Jr., Neurogenomics: Prevention and Treatment of Cognitive and Mood Disorders. International Association of Clinical Nutritionist. Orlando, FL. (Sept. 1)

Veltmann, J. R. Jr. Neurogenomics: A New Approach to the Prevention and Treatment of Neurological Pain, Cognitive and Mood Disorders. Functional Medicine Form. Seattle, WA. (Mar. 10).

2006 Veltmann, J. R. Jr. Nutritional Strategies to Prevent the Recurrence of Breast Cancer using Physiological and Genomic Data. Annual Meeting of American Association of Integrative Medicine, Orlando, FL. (Sept. 23)

Veltmann, J. R. Jr. Using the GENESIS Matrix in the Prevention and Treatment of Chronic Disease. Annual Meeting of American Association of Integrative Medicine, Orlando, FL. (Sept. 23)

2005 Veltmann, J. R. Jr. Nutrigenomics and Pharmacogenomics in an Integrative Medicine Practice. Annual Meeting of American Association of Integrative Medicine, San Diego, CA (Sept. 19)

Workshops and Invited Presentations prior to 2005 are available on request.

Memberships Fellow, American Association of Integrative Medicine, Springfield, MO.

Diplomate, College of Clinical Nutrition, American Association of Integrative Medicine, Springfield, NO

Fellow, Institute for Human Individuality, Danbury, CT

Master Instructor, Institute for Human Individuality, Danbury, CT

Education

1984 Ph.D. (Nutritional Sciences), University of Georgia, Athens, Georgia

1975 M.S. (Nutrition), University of Hawaii, Honolulu, Hawaii

1970 B.A. (Zoology-Physiology), Miami University, Oxford, Ohio

Selected Curriculum Vitae – 2015 Revision

Dr. John D. Ross

NM Doctor of Oriental Medicine 179 Rx2; FL Acupuncture Physician 237; NCCAOM National Board Certified Diplomate in Acupuncture 003528; Nationally Registered EMT-Paramedic 8000413; EMT-Paramedic NM 04000022; EMT-Paramedic FL 200816; NPI 1124147921

Employment and Teaching Experience:

2013 – 2015 - Co –founder and Manager, Beginner’s Mind Medical Arts Institute LLC, 404 C Brunn School Rd Santa Fe NM 87505. Providing National and State level approved Continuing and Advanced Education for Health Care Professionals. Lead for Acupuncture Basic Injection Therapy Training Aug-Sept. 2014

2015 – President; 2005-2014 – Vice president, The Longevity Institute of Santa Fe, Santa Fe NM 404 C Brunn School Rd Santa Fe NM 87505. NM Non-Profit. Program development and patient care.

2007 - 2008 Director of Oriental and Complementary Medical Services, Life Sustainability Group, Santa Fe and Albuquerque, NM 404 C Brunn School Rd Santa Fe NM 87505. Program development and patient care.

2007 - 2009 Instructor of Yoga, Tai Chi, Qi Gong, and Meditation, Santa Fe Ka-Ju Kenpo and Tangora Tai Chi LLC, Santa Fe NM

2006-2008 –Professor, Clinical Supervisor, and Instructor in Tai Chi Chuan and Qi Gong, SWAC, 1622 Galisteo Street, Santa Fe, NM 87505. Supervised 10-12 students at a time in three or four rooms simultaneously.

2003-2005 - Clinical Supervisor and Instructor in Tai Chi Chuan and Qi Gong, SWAC, 1622 Galisteo Street, Santa Fe, NM 87505

Employment and Teaching Experience:(cont.)

2001 -2002 – Acupuncture Physician on Staff, Jupiter Hospital at Jupiter Medical Center Medical Director Dr. Mark Gocke MD, 210 Jupiter Lakes Blvd. Building 4000, Suite 205, Jupiter FL 33458 (561) 345-1002 (First staff acupuncture provider at this hospital)

2001 – 2015 – BLS, ACLS and PALS Instructor, Professional Medical Education Inc, 9563 Sedgewood Drive Lake Worth Fl 33467 Ted Young, Director 800-606-9023

2000-2001 – Instructor of Yoga and Tai Chi Chuan, Jupiter High School Adult Continuing Education Program, Jupiter High School, 500 Military Trail, Jupiter, FL 33458

1998-2002 – Provider of Acupuncture and Oriental Medical Services and Tai Chi Chuan and Yoga and Qi Gong Instruction, The Mind/ Body Institute of Jupiter Medical Center, 210 Jupiter Lakes Blvd., Building 3000, Suite 203, Jupiter FL 33458 (561) 745-5665.

1997- Provider of Acupuncture and Oriental Medical Services and Tai Chi Chuan/Qi Gong Instructor, Fit for Life Health Resort and Spa, 1460 S. Ocean Blvd., Pompano Beach, FL 33062 (954) 583-3500 (Locum Tenens position)

1991-1995 – President and Chairman, Board of Directors, East West Medical Arts, P.C. Santa Fe, NM and Palm Beach County, FL

1989-1990 – Co- Owner, East West Herbs and Natural Therapeutics, 1431 Cochiti St. Santa Fe, NM

1988-Present – Primary Care Physician / Private General and Family Practice in Acupuncture and Oriental Medicine. Various locations in Santa Fe, NM and Palm Beach County, FL

1982-1984 – Private Massage Practice, Santa Fe NM

Corporate Board, State Board, National and International Professional Activities:

2009 – 2011 Chair, Board of Directors, Acupuncturists Without Borders. International Aid and Relief Organization. Participated in AWB World Healing Exchange trip to Solu Khumbu region of Nepal.

2006-2009 – President and Member, Board of Directors, Acupuncture and Oriental Medicine Association of NM. Largest professional AOM organization in NM. Co-Chair, Expanded Practice Committee, Legislative Committee.

1996-1997 – Chairman, NM State Board of Acupuncture and Oriental Medicine (NMBAOM) State regulatory agency, Gubernatorial appointment.

1995- Chair Pro-Tem, NMBAOM

1994-1995- Vice Chairman, Chair of the Examination Committee, NMBAOM

2005 – 2015 - Member, Board of Directors, The Longevity Institute, Santa Fe NM

1995 – Participation as Subject Matter Expert, NCCAOM (National Board) Computerized Point Location Examination Development

Professional Licenses and Certifications:

2007 – NM DOM Rx 2 License – Expanded Practice Certification in Advanced Injection Therapies; Intravenous chelation including Certification in Basic Proficiency in Chelation Therapy from **ACAM**; IV oxidative therapies; UV irradiation therapies; functional endocrinology, and other hormone therapy

2007 – National Registry of Emergency Medical Technicians Paramedic Certification, NREMT- P

2007 – NM Paramedic EMT- P Certification

Professional Licenses and Certifications: (cont.)

2006 – NM DOM Rx 1 License – Extended Practice Certification in Basic Injection Therapies, Prolotherapy, and Mesotherapy

2004 – Temporary NM Paramedic Certification

1999 – EMT – Paramedic Certification, FL EMT- P

1998 – EMT – Basic Certification, FL EMT- B

1993 - Doctor of Oriental Medicine, NM DOM, NM State Board of Acupuncture and Oriental Medicine

1990 – Acupuncture Physician, FL (AP), State of Florida Division of Medical Quality Assurance, Board of Acupuncture

1989 – Diplomate in Acupuncture, NCCAOM (NCCA at the time)

1988 – Lic.Acupuncturist, NM (L. Ac.) Certified Acupuncturist, FL (C.A.)

Professional Education:

2012- Online Training and Certification in NLP and Hypnosis, Christopher Howard.

2011 – 2015 Online Functional Medicine Training with Dr. Dan Kalish, Kalish Method under investigative trial at Mayo clinic 2015

2009 – 2014 Online Training and Certification in Functional Medicine, Functional Medicine University.Com (completion anticipated in mid 2015)

2007 – 2008 - Candidate, Masters of Science in Oriental Medicine, SWAC, Santa Fe, NM (degree not completed)

Professional Education: (cont.)

2006-2007 - NM DOM Rx 2 License – Expanded Practice Certification (Rx 1 and 2 described above)

2006 – NM DOM Rx 1 License – Extended Practice Certification

2002 – St. George's University School of Medicine, St. George's, Grenada, West Indies. First semester western medical studies in Embryology, Biochemistry, Anatomy, and Histology

2001 – Wilderness Advanced Life Support Training, Wilderness Medical Associates, Bryant Pond, Maine.

2001 – AHA/American Heart Association approved Instructor Certification in Advanced Cardiac Life Support (ACLS) and Basic Life Support (BLS), Instructor Certification in Pediatric Advanced Life Support (PALS) and Pre – Hospital Trauma Life Support (PHTLS), and 12 lead EKG and Advanced Surgical Airway Techniques, Professional Medical Education, Lake Worth, FL

1999-2000 - Florida State Certified EMT - Paramedic Certification with ACLS, PALS, and BLS/BTLS Certifications Palm Beach Community College Gardens Campus, North Palm Beach, FL

1998 – Florida State Certified EMT-Basic Certification, North Technical Education Center, Riviera Beach, FL (Institution no longer in existence)

1996-97 – St. John Neuromuscular Therapy / 1995-1996 – Visceral Manipulation Training / 1991 – Advanced Cranio - Sacral and Somato - Emotional Release Training: The Upledger Institute, North Palm Beach, FL Trained directly under Dr. John Upledger, DO

1990 - Professional Certification in Transpersonal Counseling / Enneagram Studies in the Oral Tradition: The Center for the Investigation and Training of the Intuition, Berkeley, CA Trained by Helen Palmer, MA and Dr. David Daniels, MD

Professional Education: (cont.)

1986-87 - Acupuncture Tutorial under Dr. J. Michael Moore, ND, DOM
Santa Fe, NM

1985-1986- First Year Acupuncture Studies, SWAC, Santa Fe, NM

1981-1982 – Dr. J. Victor Scherer’s Academy of Natural Healing,
Licensed Massage Therapist degree and Certificate, Santa Fe, NM

Undergraduate Education:

1994-1996 – Studies in Psychology, Organic and Inorganic and
Quantitative Chemistry, UNM, Albuquerque, NM

1975-1980 – BA in Philosophy, St. John's College, Santa Fe, NM

Martial Arts Training and Certifications:

2013 – 2015 Member, Inner Circle, Master Bruce Kumar Frantzis,
ongoing advanced online and seminar training in Qi Gong, Tai Chi, Ba
gua, and Hsing - I

2009- Qi Gong Training Program with Master Li Jun Feng, Santa Fe NM

2007 – Advanced Qi Gong Instructor training, Tangora Tai Chi LLC,
SFNM

2002 – Sandan (3rd Degree) Black Belt, Instructor Ranking, Shunyata-Kai,
Sensei Cody Templeton, Sarasota, Fl

2002 – Certified Tai Chi for Arthritis Instructor, Dr. Paul Lam MD,
Jupiter, Fl

1980-1990 – Shodan (1st Degree) Black Belt, SF Ka-Ju-Kenpo, SFNM
(This is a very incomplete and partial list, my martial arts training began
with Judo at the local YMCA at 10 yrs. old.)

Past and Present Professional Affiliations:

Professional Member, Acupuncturists Without Borders

Professional Member, International Enneagram Association

Research Associate, Occidental Institute Research Foundation

Member, American Association of Acupuncture and Oriental Medicine

Member, Florida State Assn. of Acupuncture and Oriental Medicine

Past President, Board Member, and Member, Acupuncture and Oriental Medicine Association of NM

Member, National Association of Emergency Medical Technicians

Contact information:

Dr. John D. Ross

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Documentation and references available on request.

