



CURRICULUM VITAE – Martha M. Grout, MD, MD(H)

Current Practice – The Arizona Center for Advanced Medicine

Bridging the gap between conventional and “alternative” medicine in an environmentally clean building. We treat both adults and children with chronic illness, environmental allergies and sensitivities, and those who simply wish to maintain their health naturally.

Education

- 1966 Graduated cum laude from Harvard University (Radcliffe College)
- 1971 Graduated from the Medical College of Pennsylvania
- 1972 Internship (Medicine)
- 1973 Residency (Emergency Medicine)
- 1980 Board Certified in Emergency Medicine
- 2003 Recertified in Emergency Medicine
- 1997 Started post graduate training for Homeopathic Medicine
- 2001 Board Certified, American Board of Medical Acupuncture

Professional

- Diplomate, National Board of Medical Examiners # 119609 July 1, 1972
- Recertified, National Board of Medical Examiners #119609 May 20, 1992
- SPEX Examination #450111505 C August 16, 1996
- Diplomate, American Board of Emergency Medicine 1980
- Recertified, American Board of Emergency Medicine 1993
- Fellow, American College of Emergency Physicians – 1984, 1996
- Certification of Proficiency, American Academy of Medical Acupuncture 1997
- Diplomate, American Board of Medical Acupuncture 2001, 2013
- Fellow, American Academy of Medical Acupuncture - 2002
- President, Arizona Chapter, American Academy of Medical Acupuncture 1999
- Medical Licensure
 - Arizona #24896, January 1997
 - Arizona (Homeopathic) #101, August 1997
- Arizona Board of Acupuncture – appointed February 2003, 3 year term
- Arizona Board of Homeopathic and Integrated Medicine Examiners, 2006 through 2013
- American Academy of Environmental Medicine, Board Member 2010 – 2017
- Arizona Homeopathic and Integrated Medicine Association 1998 through present

Experience

- 1980 - 2002 Full Time Emergency Medicine - Worked as Emergency Physician full time, with some time off for having children, during which time I worked as staff physician in a nursing home part time.
- 1997 Opened a part time practice of Medical Acupuncture.
- 2002 Opened an office for medical acupuncture
- 2007 Expanded to an environmentally sound office for Homeopathic and Integrative Medicine

Memberships

American Academy of Medical Acupuncture
Arizona Holistic and Integrative Medical Association, 1998 – present
Institute for Functional Medicine, 2004 – present
International Organization of Integrative Cancer Physicians – 2010 – present
International Lyme and Associated Diseases Society - 2014

Publications

- “Treatment of Small Bowel Obstruction with Acupuncture: two case reports”, Medical Acupuncture, Spring-Summer 2001
- “The Use of Medical Acupuncture in the Treatment of Chronic Stress Related Illness”, Acupuncture Today, August 2002
- “Medical Acupuncture in the Emergency Department” Medical Acupuncture 14:1 (39-40)
- “Treatment of Severe Depression Following Head Injury” Medical Acupuncture 15:2 (35-39)
- “Dissipating Pharaoh’s Curse: Thwarting the West Nile Virus”, Explore for the Professional, 16:1
- “Thermography for Breast Cancer Screening”, Explore for the Professional, 16:6.
- “Multiple chemical sensitivity, hypersensitivity and allergy.” Explore for the Professional, 16:8.
- “Genetically Modified Foods: the Good, the Bad and the Ugly.” Explore for the Professional, 17:6
- “Salmon and Red Meat.” Price-Pottenger Journal 32;4:6-8
- “Genetically Modified Corn Raises Danger Signals” – Natural Awakenings, Sept 2008
- “Everyday Environmental Toxins Create Chronic Illness” – Natural Awakenings, Oct 2008
- “The Health Care Debate Left Out Prevention” – Natural Awakenings, Nov 2009
- “Integrative Medicine Is Green Medicine” – Natural Awakenings, Jan 2010
- “Green Living Is Preventative Medicine” – Natural Awakenings, Apr 2010
- “What To Do About Breast Cancer” – Natural Awakenings, Oct 2010
- “Food Is Crucial” – Natural Awakenings, Mar 2011
- “The Path To A Man’s Healthy Heart” – Natural Awakenings, June 2011
- Oct. 2011 -- **Breast Cancer: Cause & Consequences** <http://www.naturalaz.com/ARIZ/October-2011/Breast-Cancer-Cause-and-Consequences/index.php?previewmode=on>
- Dec. 2011 -- **Changing the Paradigm of Medicine**
<http://www.naturalaz.com/ARIZ/December-2011/Changing-the-Paradigm-of-Medicine/index.php?previewmode=on>
- Jan. 2012 -- **New Language Changing the Paradigm of Medicine**
<http://www.naturalaz.com/ARIZ/January-2012/New-Language-Changing-the-Paradigm-of-Medicine/index.php?previewmode=on>
- Feb. 2012: **Obesity is Not Inevitable** <http://www.naturalaz.com/ARIZ/February-2012/Obesity-is-Not-Inevitable/index.php?previewmode=on>
- Apr 2012 - **The Chiren® – Delving Deep into the Nature of Life Itself.** Explore Magazine
- May 2012 - **What is Women’s Wellness?** <http://www.naturalaz.com/ARIZ/May-2012/What-is-Womens-Wellness/>
- Aug 2012 - **Impact of the Chiren Device on Post-Traumatic Stress Disorder**
<http://www.naturalaz.com/ARIZ/August-2012/Impact-of-the-Chiren-Device-on-Post-Traumatic-Stress-Disorder/>
- Jan 2013 - **There is an Alternative to Conventional Chemotherapy.**
<http://www.naturalaz.com/ARIZ/January-2013/There-is-an-Alternative-to-Conventional->

Chemotherapy/

- March 2013 - **Allergies are More Than Just Sneezing**
<http://www.naturalaz.com/ARIZ/March-2013/Allergies-are-More-Than-Just-Sneezing/>
- May 2013 – **Lyme Disease** <http://www.naturalaz.com/ARIZ/May-2013/Lyme-Disease/>

Post residency training

UCLA, 1997	Medical Acupuncture for Physicians
September 2000	American Board of Clinical Metal Toxicology, Advanced Course on Heavy Metal Toxicology
April 2004	American Academy of Environmental Medicine, Diagnosis and treatment of inhalant and food sensitivities
April 2005	Diagnosis and treatment of chemical toxins and heavy metals
March 2005	Institute for Functional Medicine Applying Functional Medicine in Clinical Practice
April 2010	IPT-LD training with Stephen Ayre, MD - Insulin Potentiation therapy, low dose, for cancer and infections
April 2013	IPT-LD training (advanced training) with Constantine Kotsakis, MD

Medical Experience

Emergency Department Physician, St. Mary's Hospital, Rochester, N.Y.
full time staff, assistant attending, 1974-77

Emergency Department Physician, Park Ridge Hospital, Rochester, N.Y.
assistant attending, 1975-79

Emergency Department Physician, St. Joseph's Hospital, Syracuse, N.Y.
assistant attending, 1979-80

Emergency Department Physician, Upstate Medical Center, SUNY, Syracuse, N.Y.
associate attending, 1980-82

Staff Attending Physician, Groton Nursing Facility, Groton, N.Y.
1988-92

Emergency Department Physician, HCA LW Blake Hospital, Bradenton, FL
full time staff, 1992-1995

Partner, Bradenton Emergency Medicine Associates, 1994-1995
Medical Records and Utilization Review Committee 1994-1994
Physician Director of Employee Health 1993-1995

Emergency Department Physician, Doctors Hospital of Sarasota, Sarasota, FL
full time staff, 1995 - 1996
Quality Management and Utilization Review Committee 1995 -present
Physician Coordinator for Logicare Medical Records System 1995 - present
Special Care Committee, Doctors Hospital of Sarasota, 1996 (oversees ICU, PCU, ED)

Emergency Department Physician, Englewood Community Hospital, Englewood, FL

provisional/active status in Department of Emergency Medicine, 1996

Emergency Department Physician, Phoenix Memorial Hospital, Phoenix, AZ
Active status in Department of Emergency Medicine, 1997 - 1999

Emergency Department Physician, Kingman Regional Medical Center, Kingman, AZ
Active (courtesy) status in Department of Emergency Medicine, 1997- 2002

Emergency Department Physician, John C. Lincoln Hospital Deer Valley, Phoenix, AZ
Active (courtesy) status in Department of Emergency Medicine, 1997- 2002

Active Medical Staff, Payson Regional Medical Center, Payson, AZ
Active in Department of Emergency Medicine 1997 - 1998

Emergency Department Physician, Chandler Regional Medical Center, Chandler, AZ
Active (courtesy) status in Department of Emergency Medicine, 1997- 1999

Emergency Department Physician, St. Luke's Medical Center, Phoenix, AZ
Active (provisional) status in Department of Emergency Medicine, 1998

Emergency Department Physician, Arrowhead Community Hospital, Phoenix, AZ
Active status in Department of Emergency Medicine, 2002 - present

Medical Acupuncture -- 6137 East Mescal Street, Scottsdale, AZ 85254
Private Practice of Medical Acupuncture, 1997 - present

The Crossroads Institute -- 40040 North 56th Street, Cave Creek, AZ 85331
Private Practice of Medical Acupuncture and Neuro-biofeedback, Jan 2002 – Dec 2002

The CrossRoads Clinic, PLC – 18404 N. Tatum Blvd, Suite 207, Phoenix, AZ 85032
Private practice of Medical Acupuncture, Complementary and Alternative Medicine,
Neuro-biofeedback, Jan 2003 – 2006
Moved to new environmentally “green” building at 9328 E. Raintree Drive, Scottsdale AZ 85260
Private practice of Medical acupuncture, advanced holistic medicine, Jan 2007
Name of the clinic was changed to:

Arizona Center for Advanced Medicine, PLC - 9328 E. Raintree Drive, Scottsdale AZ 85260.
Added preservative-free allergy testing, also BrainAdvantage™ neurotherapy 2007
Added Insulin Potentiation Therapy – Low Dose in 2010
Moved to 8841 E Bell Road, Phoenix AZ 85260 May 2012

Seminars, Workshops, Lectures, Presentations

- Medical Acupuncture Preceptor -- Medical Acupuncture for Physicians 1998- 2003
- Lecture to Interns about Medical Acupuncture – Tempe St. Luke's Hospital, June 1999
- Lecture to Association of Federal Court Reporters on “The Use of Medical Acupuncture in Stress Management” – October, 2000
- NAFAC 2001 and 2002 Convention - North American Association for Ambulatory Care, Key West, FL -- lecture both years on “The Use of Acupuncture in the Urgent Care Setting”

- Emergency Medicine Preceptor - 2000-2001 -- Family Practice Residency Program, John C. Lincoln Health Network
- Arizona Peri-Anesthesia Nurses Association Education Seminar 2001 -- Scottsdale, AZ -- lecture on “Medical Acupuncture in the Peri-Operative Setting: The Best of Both Worlds”
- AAMA Annual Symposium 2002 in Los Angeles, CA -- Workshop on “The Use of Medical Acupuncture in the Emergency Department”
- Workshop in Phoenix, AZ 2004 - “Clinical Neurobiology: an innovative therapeutic approach to modern disease” – lectures on depression, Attention deficit hyperactivity disorder, and the use of neurotransmitter therapy in their treatment. In conjunction with Gottfried Kellermann, PhD, of NeuroScience, Inc.
- Lecture to Osteopathic Medical Students, Phoenix, AZ 2005 – “Acupuncture and Chinese Herbal Medicine”
- Presentation to the DAN! Think Tank (Defeat Autism Now) – October 2005 – “Phosphatidylcholine, Methylation and Neurotransmitters”.
- “Physical Medicine for the Homeopathic Practitioner” – examination preparatory course, 24 hours total teaching – week-end courses 2007 at the American Medical College of Homeopathy, Phoenix, AZ
- “Physical Diagnosis for the Homeopathic Practitioner” – March 2008 – 6 hours teaching - at the American Medical College of Homeopathy, Phoenix, AZ
- Lectures on Integrative and Functional Medicine to RN Patient Advocates twice yearly 2009 to present – course is sponsored by Arizona State University College of Nursing.

CONTINUING MEDICAL EDUCATION 2013

Chiren training – Biophotonic therapy

Synthesis – John Boswinkel – 03-17-13

6 hours category II

American Medical College of Homeopathy

Homeopathic regulatory commission meetings and regulatory activities

1.25 hours category II

American Academy of Environmental Medicine

- Board meetings for Gateway Conference in St. Louis, April 2013
- Conference committee meetings for Fall Conference in Phoenix
- Fall Conference in Phoenix, AZ

25.75 hours category I

New England Journal of Medicine

- Marcus Maurer - **Omalizumab for the Treatment of Chronic Idiopathic or Spontaneous Urticaria** - N Engl J Med 2013;368: 924-935 , March 7, 2013 1 hour category I
- Allen G.P. Ross - **Enteropathogens and Chronic Illness in Returning Travelers** - N Engl J Med 2013;368: 1817-1825 , May 9, 2013 1 hour category I

- Gil Yosipovitch – **Chronic Pruritus** - N Engl J Med 2013;368: 1625-1634 , April 25, 2013 1 hour category I
- Boonen E - **Reduced Cortisol Metabolism during Critical Illness** - N Engl J Med 2013;368: 1477-1488 , April 18, 2013 1 hour category I
- Florez JC, Shepard JO, Kradin RL. – **Diabetes and fatigue** – NEJM 2013;368:2126-36. 1 hour category I
- T. Jake Liang, M.D., and Marc G. Ghany, M.D. - **Current and Future Therapies for Hepatitis C Virus Infection** - N Engl J Med 2013; 368:1907-1917 | May 16, 2013 1 hour category I
- Michael J. Kelly et al. Case 13-2013 — **A 6-Year-Old Girl with Bone and Joint Pain and Abdominal Distention.** N Engl J Med 2013;368: 1636-1645 , April 25, 2013 1 hour category I
- Daniel P. Hunt et al. Case 12-2013 — **An 18-Year-Old Woman with Pulmonary Infiltrates and Respiratory Failure.** N Engl J Med 2013;368: 1537-1545 , April 18, 2013. 1 hour category I
- Bruno Hoen et al. **Infective Endocarditis.** N Engl J Med 2013;368: 1425-1433, April 11, 2013 1 hour category I
- Nielsen OH, Ainsworth MA. **Tumor Necrosis Factor Inhibitors for Inflammatory Bowel Disease.** N Engl J Med 2013; 369:754-762 | August 22, 2013 1 hour category I
- James C. Grotta, M.D. **Carotid Stenosis.** N Engl J Med 2013; 369:1143-1150 | September 19, 2013 1 hour category I
- Reiko Nishihara, Ph.D et al. **Long-Term Colorectal-Cancer Incidence and Mortality after Lower Endoscopy.** N Engl J Med 2013; 369:1095-1105 | September 19, 2013 1 hour category I
- Franco Dammacco and Others. **Therapy for Hepatitis C Virus–Related Cryoglobulinemic Vasculitis.** N Engl J Med 2013;369: 1035-1045 , September 12, 2013 1 hour category I
- Michael G. Shlipak and Others. **Cystatin C versus Creatinine in Determining Risk Based on Kidney Function.** N Engl J Med 2013;369: 932-943 , September 5, 2013. 1 hour category I
- David S. Wald and Others. **Randomized Trial of Preventive Angioplasty in Myocardial Infarction.** N Engl J Med 2013;369: 1115-1123 , September 19, 2013. 1 hour category I
- David W. Eyre and Others. **Diverse Sources of *C. difficile* Infection Identified on Whole-Genome Sequencing.** *N Engl J Med* 2013;369: 1195-1205 , September 26, 2013 1 hour category I
- John A. Myburgh and Others. **Resuscitation Fluids.** N Engl J Med 2013;369: 1243-1251 , September 26, 2013 1 hour category I
- Tracey A. Cho and Others. **Otalgia, Slurred Speech, and Ataxia.** N Engl J Med 2013;369: 1253-1261 , September 26, 2013 1 hour category I
- Total to date 18 hours category I

The Oncologist

"Nutrient Restriction and Radiation Therapy for Cancer Treatment: When Less is More"

February 4, 2013

1 hour category I

Locoregional Interaction of Ixabepilone (Ixempra) After Breast Cancer Radiation

Vinita Takiar, Eric A. Strom, Donald P. Baumann, Funda Meric-Bernstam, Ricardo H. Alvarez, Ana M.

Gonzalez-Angulo

Oncologist 2013; 18: 265-270

1 hour category I

Breast Implant–Associated ALCL: A Unique Entity in the Spectrum of CD30⁺Lymphoproliferative Disorders

1 hour category I

Sara K. Story, Michael K. Schowalter, Larisa J. Geskin

Oncologist 2013; 18: 301-307

Total to date

3 hours category I

International IPT/IPTLD Integrative Cancer Care 2013 Conference 16 hours category I
Dallas, TX

Integrative Cancer Medicine: Clinical Applications of Cancer Strategies. Workshop on Foods that Treat Cancer 18.25 hours category I
2 hours category I
Healthy Medicine Academy, April 26-29, 2013, Scottsdale AZ.

Institute for Functional Medicine Annual Conference 2013 13 hours category I
Illuminating the Energy Spectrum - Dallas, Tx

Metabolic Nexus 6 hours category II
Phoenix, AZ 11-17-13 David Perlmutter

Chronic Disease: Highlighting Electromagnetic Hypersensitivity, Lyme, Mycotoxicity, Autism, Cancer and Much More - American Academy of Environmental Medicine, October 24-27, 2013 25..75 hours category I

Teaching students – Southwest College of Naturopathic Medicine 8 hours category II
Summer 2013

Prevention of Medical Errors 2 hours category I
ContinuingEducation.com partial requirement for Florida Licensure

Essential New Considerations in Anaphylaxis 1.25 hours category I
AAAAI online course

Total hours 11/14/2013 **Category I – 99.25**
Category II – 21.25

Publications 2013

- Jan 2013 - **There is an Alternative to Conventional Chemotherapy.**
<http://www.naturalaz.com/ARIZ/January-2013/There-is-an-Alternative-to-Conventional-Chemotherapy/>
- March 2013 - **Allergies are More Than Just Sneezing**
<http://www.naturalaz.com/ARIZ/March-2013/Allergies-are-More-Than-Just-Sneezing/>
- May 2013 – **Lyme Disease** <http://www.naturalaz.com/ARIZ/May-2013/Lyme-Disease/>

Prior CME hours

Continuing Medical Education

CONTINUING MEDICAL EDUCATION 1996

American College of Emergency Medicine

Narcotic Overdose

2 hours Category I

Foresight/Risk Management

3 hours Category I

Baylor College of Medicine

Clinical Challenges in Acute Myocardial Infarction

2 hours Category I

American Health Consultants

ED Legal Letter

6 hours Category I

Critical Care Alert

10 hours Category I

Emergency Medicine Reports

36 hours Category I

Albert Einstein College of Medicine

Practical Reviews in Emergency Medicine

18 hours Category I

Yale University School of Medicine

The Psychology of Health, Immunity and Disease Conference

41.5 hours Category I

Total CME for 1996

Category I — 118.5 hours

CONTINUING MEDICAL EDUCATION 1997

American College of Emergency Physicians

Foresight/Risk Management Education

4.5 hours Category I

Todd Rowe, MD(H) and the Arizona Board of Homeopathy

Classical Homeopathy

90 hours Category II

Southwest Institute of Healing Arts

Myotherapy Intensive

100 hours Category II

Myotherapy "Removing the Armor"

6 hours Category II

Counseling Skills for Bodyworkers

14 hours Category II

UCLA School of Medicine

Medical Acupuncture for Physicians

325 hours Category I

American Academy of Medical Acupuncture and Maricopa Medical Center

Proficiency Examination Review Course

22 hours Category I

American Academy of Environmental Medicine

Annual Conference

9 hours Category I

Total CME for 1997 Category I - 360.5 hours

Category II — 210 hours

Total hours — 570.5 hours

CONTINUING MEDICAL EDUCATION 1998

Critical Care, Trauma and Emergency Medicine Symposium

USC School of Medicine

41 hours Category I

National Emergency Airway Management Course

Sterling Healthcare Group

15 hours Category I

American Academy of Medical Acupuncture and Maricopa Medical Center

1998 AAMA Symposium

22 hours Category I

Medical Acupuncture for Physicians

UCLA School of Medicine, Preceptor May 16 - 18, 1998

27 hours Category II

China Study Tour

American Academy of Medical Acupuncture

17.5 hours Category I

Pediatric Advanced Life Support (PALS)

Tempe St. Luke's November 16-17, 1998

15 hours Category II

Chinese Herbal Medicine

Anastacia White 42 hours Category II

Medical Acupuncture for Physicians

27 hours Category II

UCLA School of Medicine, Preceptor December 3-5, 1998

Paradise Valley Community College

1 hour Category II

Lecture to students on Acupuncture

Total CME for 1998 Category I — 95.5 hours

Category II — 112 hours

CONTINUING MEDICAL EDUCATION 1999

Chinese Herbal Medicine – Jan 23,24; Feb 20,21; March 20,21 Anastacia White, Oakland CA	42 hours Category II
Grand Rounds – March 26 – lecture to residents and staff physicians Good Samaritan Hospital and VA Hospital, Phoenix, AZ	2 hours Category II
American Academy of Medical Acupuncture Symposium “Controversies in Acupuncture” Chicago, IL	29.5 hours Category I
UCLA Medical Acupuncture for Physicians Preceptor, Tempe May 22, 23, 24	24 hours Category II
Preceptor, Santa Monica Nov 17-20, 1999	32 hours Category II
Preceptor, Santa Monica Dec 10-13, 1000	32 hours Category II
ACEP Foresight American College of Emergency Physicians	4 hours Category I
Intern lecture – June 11 Tempe St. Luke’s Hospital, Phoenix, AZ	2 hours Category II
<hr/> Total for 1999	134 hours Category II
	33.5 hours Category I

CONTINUING MEDICAL EDUCATION 2000

Critical Care, Trauma and Emergency Medicine 29 hours Category I

Las Vegas, NV presented by the Keck School of Medicine, University of Southern California
Feb 28 - March 3, 2000

The Curious Meridians: Origins, Theoretical Constructs and Clinical Applications 14 hours Category II

Maurice Mussat, MD and the Washington Chapter of the AAMA, Seattle WA - March 17-19, 2000

NAFAC 2000 Convention 17.5 hours Category I

North American Association for Ambulatory Care, American College of Occupation and Environmental
Medicine, Key West, FL - April 26 - April 20, 2000

Lecture on "The Use of Acupuncture in the Urgent Care Setting" 1 hour Category II

at the above NAFAC 2000 Convention

Lecture to Seniors on acupuncture 1 hour Category II

Waddell Institute for Longer Life, Phoenix Memorial Hospital

Letter to the Editor 1 hour Category II

response to article on migraine headache, Az Republic

Lecture to the Association of Federal Court Reporters 3 hours Category II

October 6, 2000 in Phoenix, AZ

ACEP Foresight 2 hours Category I

2000 Pan American Medical Acupuncture Conference 24.75 hours Category II

October 24-29, 2000 in Las Vegas, NV

Medical Acupuncture for Physicians 40 hours Category II

December 1-4, 2000 in Phoenix, AZ – preceptor activities

Emergency Medicine Preceptor 240 hours Category II

Family Practice Residency Program, John C. Lincoln Health Network

Emergency Medicine Preceptor

352 hours Category II

Midwestern University medical students, Az College of Osteopathic Medicine

Team Health Institute

30 hours Category I

Fort Lauderdale, FL 33323 – multiple articles

Total for 2000

Category I - 78.5 hours

Category II - 676.75 hours

CONTINUING MEDICAL EDUCATION 2001

2001 AAMA Symposium “Shaping the Future of Medicine”

29.5 hours Category I

American Academy of Medical Acupuncture, New Orleans, LA
March 22-25, 2001

Lecture on “The Use of Acupuncture in the Urgent Care Setting”

3 hours Category II

NAFAC 2001 Convention - North American Association for Ambulatory Care, Key West, FL

lecture on “Medical Acupuncture in the Peri-Operative Setting: The Best of Both Worlds”

Az PeriAnesthesia Nurses’ Association Education Seminar, Scottsdale, AZ

2 hours Category II

Spirituality and Healing Conference

9 hours Category I

Tucson, AZ – University of Arizona Medical School

The Soul Directed Approach: Enhancing the Power of Your Intuitive Skills

National Institute for the Clinical Application of Behavioral Medicine

Part I – June 7-10, 2001 in Boulder, CO

18 hours Category I

Part II – Oct 28 - Nov 2, 2001 in West Stockbridge, MA

30 hours Category I

Infectious Diseases in the Emergency Department

½ hours Category I

University of Wisconsin Medical School

Treatment of Behavioral Emergencies

3 hours Category I

Annenberg Center for Health Sciences at Eisenhower

Emergency Medicine Preceptor

840 hours Category II

Family Practice Residency Program, John C. Lincoln Health Network

An Update on Heroin Overdose

1 hour Category I

American Academy of Emergency Medicine

Abdominal Pain in Elderly Patients

2 hours Category I

ACEP Foresight

Preceptor, Midwestern University

384 hours Category II

Arizona College of Osteopathic Medicine

Total for 2001

Category I - 94 hours

Category II -1229 hours

CONTINUING MEDICAL EDUCATION 2002

Advanced Clinical Workshops – Clinical Skills for Preceptors

UCLA School of Medicine – Helms Medical Institute

March 1, 2001 through January 31, 2002

30 hours Category I

14th Annual Symposium, American Academy of Medical Acupuncture

Los Angeles, CA April 18-21, 2002

Workshop on Yamamoto scalp acupuncture 7 ½ hours Category I

22 hours Category I

Auricular Therapy Seminar

Integrated Medicine Seminars, Chicago, May 2002

15 hours AAMA CEU

EMedHome.com CME

HIV Infection and AIDS, Part I

Serum & Urine Drug Screen Testing in the ED

25 Years of Naked Emperor: Why Can't We Diagnose Pulmonary Embolism Yet?

Advanced EKG Assessment Skills in the ED Setting

1 hour Category I

1 hour Category I

1 hour Category I

1 hour Category I

Society for Neuronal Regulation

Scottsdale, AZ September 12-15, 2002

Annual conference (25 hours)

Workshops

Double Neuromythology of Emotions and the Limbic System (3 hours)

Recognition and Management of the Fibromyalgia Syndrome (3 hours)

Mild Traumatic Brain Injury: the Hidden Diagnosis (8 hours)

39 hours Category II

BFC Edwards

Phoenix, AZ – two 30 minute talks on stress reduction w/ acupuncture and neurotherapy

2 hours Category II

Medical Acupuncture In The Emergency Department

Study of 198 patients seen in an inner city ER, written for "Medical Acupuncture", 14:1, 39-40, October 2002

Chinese Medicine, Herbs and Neurobiofeedback in the Treatment of Stress Related Illness

Lecture at Thunderbird Samaritan Hospital, October 26, 2002

3 hours Category II

Auricular Medicine Seminar

San Francisco, CA – Integrated Medicine Seminars, LLC

15 hours Category II

Total for 2002 – 137.5 hours

Category I – 78.5 hours

Category II – 59 hours

Continuing Medical Education 2003

American Academy of Medical Acupuncture, Annual Symposium

Baltimore, MD, April 25-27, 2003

22 hours Category I

Domestic Violence in Florida

On-line educational activity Florida Medical Association

1 hour Category I

Prevention of Medical Errors

On-line educational activity Florida Medical Association

1 hours Category I

Ensuring Patient Privacy: It's up to us (HIPAA standards)

On-line educational activity Care Learning

1 hour Category II

Phoenix Institute of Herbal Medicine and Acupuncture

Symposium, 4/13/2003

3 hours Category II

New Dimensions in Medicine and Health - Homeopathy and Homotoxicology

Phoenix, AZ, September 25-27, 2003 –Gordon Research Institute and
Westbrook Educational Group

21 hours Category II

Clinical Skills for Preceptors

UCLA School of Medicine

30 hours Category I

Total for 2003

Category I hours - 54 hours
Category II hours - 25 hours

CONTINUING MEDICAL EDUCATION 2004

Muscle Testing Certification January 24-25, 2004, Center for Holistic Rehabilitation, Las Vegas, NV	12 hours category III
Clinical Neurobiology: an Innovative Therapeutic Approach to Modern Disease February 27-28, 2004, NeuroScience Inc, Phoenix, AZ I gave lectures 2 x 1 ½ hours, with 3 hours prep for each Lectures by Dr. Kellermann	9 hours category II 5 hours category II
Pulse Workshop March 6-7, 2004, Leon Hammer, MD – Az Chapter AAMA, Phoenix, AZ	14 hours category I
Pharmacologic Treatment of Chronic Pain U of Kentucky, on-line through cnsnewsonline.com	1 hour category I
Functional Endocrinology Apex Energetics, Los Angeles, CA, Datis Kharrazian, DC	12 hours category II
American Academy of Medical Acupuncture, Symposium 2004 Medical Acupuncture in the New Millennium: Integrating Science w/ Tradition Immunological Conditions: The Divergent Meridian and Western Correlates	22 hours category I 7.5 hours category I
American Academy of Environmental Medicine, Spring courses Recognizing and Treating Inhalant Sensitivities in Everyday Practice Comprehensive Course for Diagnosis and Treatment of Food Sensitivities	17.25 hours category I 17.25 hours category I
Type II Diabetes: Focus on Insulin Resistance & Hypertension August 18, 2004, Phoenix, AZ – Medical World Conferences	4 hours category I
An Approach to the Nutritional Management of Autism Alternative Therapies in Medicine	1 hour category I
DAN! International Conference 2004 McLean Hospital, Los Angeles, CA October 1-4, 2004	28.25 hours category I
Neuroprotection: a functional medicine approach for common & uncommon neurologic symptoms Institute for Functional Medicine, Denver CO October 8-10, 2004	20.25 hours category I
Homeopathy and Homotoxicology in Chronic Disease and Cancer Westbrook University, Phoenix, AZ	2.5 hours Category I
Clinical Importance of Vitamin D: a Paradigm Shift InnoVision Communications On-lin CME, October 25, 2004	2 hours Category I

Total for 2004

Category I hours - 137.00 hours
Category II hours - 38 hours

CONTINUING MEDICAL EDUCATION 2005

Applying Nutrigenomics in Clinical Practice Jeffrey Bland, PhD – Phoenix, AZ, Jan 29, 2005	6.5 credit hours category II
Institute for Functional Medicine March 7-12, 2005, Seattle, WA	41.5 hours category I
Integrative Medicine Approaches to Memory Loss Alzheimer’s Association invited speaker, 1 hour lecture, 4 hours prep time Friday, March 25, 2005, Scottsdale, AZ	4 hours category I
American Academy of Environmental Medicine, Spring courses Diagnosis and Treatment of Chemical Sensitivities Improving the Treatment Outcomes of Your Most Frustrating Patients	25.25 hours category I 17.75 hours category I
Informed Jacksonville, FL – required CME for Florida licensure	4 hours category I
Lecture to Osteopathic Medical Students on Acupuncture and Chinese Herbs October 9, 2005 - Midwestern Osteopathic Medical College, Phoenix, AZ (3 hours lecture, 6 hours prep time)	9 hours category I
DAN! Conference October 25-29, 2005, Long Beach, FL	15.75 hours category I
Presentation to DAN! Think Tank: “Phosphatidylcholine, Methylation and Neurotransmitters” October 26, 2005 – 8 hours prep time	8 hours category I
Centers for Advanced Medicine – Physician Training Charlotte, NC – Carolinas Healthcare System – Rashid Buttar, DO	41.25 hours category I

Total for 2005

Category I hours - 166.75 hours
Category II hours - 6.5 hours

Continuing Medical Education 2006

AMESPA Annual Symposium

Kingston, Grand Bahama Island, Jan 12-16, 2006 11 hours category II

Evoked Photon Capture Workshop

International Union of Medical and Applied Bioelectrography
February 2-5, 2006 – St. Petersburg, Russia 18 hours category II

Understanding the Origins & Applying Advanced Nutritional Strategies for Autoimmune Diseases

Metagenics Educational Programs, Jeffrey Bland, Phoenix AZ 02-17-2006 6.0 hours category II

New England Journal of Medicine CME exams

1 hour per exam 13 hours category I

Advanced Homeopathy 28 hours category II

Maui Academy of Homeopathy, Jeff Baker ND DHANP CCH
Phoenix, AZ April 28-May 1, 2006

Introduction to the principles of physiological regulating medicine and pharmacology

5 hours category II

Accademia di Medicina Biologica, Ivo Bianchi, MD – GUNA biotherapeutics
Phoenix, AZ July 27, 2006

Neuroprotection – a functional medicine approach to common and uncommon neurologic syndromes

Institute for Functional Medicine – Catherine Wilmer, MD, Jay Lombard, DO 17.75 hours category I
Phoenix, AZ Oct 6-8, 2006

Advanced Homeopathy

28 hours category II

Maui Academy of Homeopathy, Jeff Baker ND DHANP CCH
Phoenix, AZ October 13-16, 2006

Preceptor for medical students

Midwestern University – 4th year student rotation 80 hours category II

Journal of the American Medical Association

Depression & Cardiovascular disease: healing the broken-hearted 1 hour category I
Aminotransferase elevations in healthy adults receiving 4 gm of acetaminophen daily 1 hour category I
Fish intake, contaminants and human health: evaluating the risks and the benefits 1 hour category I
Messenger molecules and cell death: therapeutic implications 1 hour category I
A 54-year-old woman with Constipation-predominant IBS 1 hour category I
Management of Antiphospholipid Antibody Syndrome: a systematic review 1 hour category I
Nonhormonal therapies for menopausal hot flashes: systematic review & meta-analysis 1 hour category I

CME LLC – Integrative Management of Depressed Mood: Evidence & Treatment Guidelines

CME LLC – online exam 1.5 hours category I

Medscape CME – A call to action: integrating current clinical evidence in the assessment and treatment of osteoporosis.

Online exam 1.25 hours category I

NES Foundation Training Course 12 hours category II

Denver, CO – Ron Minson, MD

Total for 2006

Category I hours – 41.5 hours

Category II hours – 183 hours

Continuing Medical Education 2007

New England Journal of Medicine CME exams

1 hour per exam

Mammographic Density and the Risk & Detection of Breast Cancer.”

NEJM 2007; 356:227-236, January 18, 2007 1 hour category 1

High-dose Atorvastatin after Stroke or Transient Ischemic Attack

NEJM 2006;355:549-559 (Aug 10, 2006) 1 hour category 1

Journal of the American Medical Association

Nutritional Therapy in Medical Practice

Las Vegas, NV – Jan 26-28, 2007, Jonathan Wright MD and Alan Gaby MD 23.5 hours category 1

Recent Advances in the Use of Iodine in Medical Practice

Phoenix, AZ – Feb 8-10, 2007 15.0 hours category 1

Beyond Metabolic Syndrome – Breakthrough Management of Disorders of Insulin Associated with Age-Related Disease.

Jeffrey Bland, PhD – Phoenix AZ – March 11, 2007 6 hours category II

21st Century Endocrinology – Thyroid and Adrenal as Sentinel Organs

Institute for Functional Medicine – Tucson, AZ may 23-26-2007 20.75 hours category 1

First Line Therapy

Scottsdale, AZ - Metagenics, diet and nutritional counseling 28 hours category 2

Physical medicine for the homeopathic practitioner – American Medical College of Homeopathy

Phoenix, AZ – workshop preparation 24 hours category 2

Phoenix, AZ – workshop teaching 24 hours category 2

American Academy of Environmental Medicine

Palm Springs, CA 18.25 hours category 1

Total for 2007

Category I hours – 79.50 hours

Category II hours - 82 hours

Continuing Medical Education 2008

New England Journal of Medicine CME exams

1 hour per exam

- **Metformin for the Treatment of the Polycystic Ovary Syndrome**
John E. Nestler - N Engl J Med 2008; 358:47-54, January 3, 2008
- **Failure to Respond — A 52-year-old man presented to his primary care physician with dyspnea and cough.** *Michael E. Ezzie, et al. - N Engl J Med 2008; 358:70-74, January 3, 2008*
- **Rhythm Control vs Rate Control for Atrial Fibrillation and Heart Failure.** *Danis Roy et al.. N Engl J Med 2008;358:2667-77, June 18, 2008*
- **Case 20-2008 — A 57-Year-Old Woman with Abdominal Pain and Weakness after Gastric Bypass Surgery** – *Herbert L. Bonkovsky, et al. - N Engl J Med 2008; 358:2813-2825, June 26, 2008*
- **Acute Calculous Cholecystitis** - *Steven M. Strasberg - N Engl J Med 2008; 358:2804-2811, June 26, 2008*
- **Vitamin D Deficiency** - *Michael F. Holick – N Engl J Med 2007;357:266-281 (July 19, 2007)*

Journal of the American Medical Association

1 hour per exam

- **Neurologic Manifestations of Von Hippel Landau Disease** - John A. Butman, MD, PhD; W. Marston Linehan, MD; Russell R. Lonser, MD. Vol. 300 No. 11, September 17, 2008

CME-LLC

- **The Dementias: Neuropsychiatric Syndromes of the 21st Century** - Randolph B. Schiffer, MD, Psychiatric Times. Vol. 25 No. 11 1.5 hours category I

The Emerging Therapeutic Target

Feb 24, 2008 – Phoenix, AZ – Jeffrey Bland

6 hours category II

Physical Diagnosis for the Homeopathic Practitioner

March 2008 – 6 hours teaching - at the American Medical College of Homeopathy, Phoenix, AZ

6 hours category II

NES symposium –

May 2-3, 2008 - San Francisco, Peter Frazier

11.5 hours category II

Advanced Brain Technologies

April 24-26, 2008 - The Listening Program Certification, Alexander Doman, Ogden, UT

5 hours category II

The Many Faces of Pain

Pre-conference workshop 6.5 hours category I

Institute for Functional Medicine, May 22-25, 2008, LaCosta, CA

23.5 hours category I

Biofeedback Certification Review Course

Richard Sherman, PhD – Behavioral Medicine Research & Training Foundation

50 hours category II

International Society for Neurofeedback and Research

San Antonio, TX – annual symposium

14 hours category I

Coccidioidomycosis for the Primary Care Physician 3.25 hours category I
University of Arizona, Phoenix, 11-15-08

Publications

Genetically Modified Foods – the Good, the Bad and the Ugly 3 hours category I
published in *Explore for the Professional* December 2008

EEG Biofeedback certification review course 36 hours category II
Alicia Townsend, PhD, BCIA-EEG

Total for 2008
September 15, 2008

Category I hours – 58.75 hours
Category II hours - 114.5 hours

Continuing Medical Education 2009

The Medical Educator Consortium

A Practical Application in Treating Adult Hormone and Nutritional Deficiencies

Jonathan Wright, MD et al, Las Vegas, NV Feb 26-29, 2009 22.5 category I hours

12th International Congress of Bioenergetic Medicine

Reversing and Preventing Killer Diseases

Lee Cowden, MD(H) et al, Scottsdale, AZ April 3-4, 2009 12 category I hours

New England Journal of Medicine – weekly CME – 1 hour category 1 each

- **Exposure to Low-Dose Ionizing Radiation from Medical Imaging Procedures** - Reza Fazel, et al. - N Engl J Med 2009; 361:849-857, August 27, 2009 1 category I hour
- **Decontamination of the Digestive Tract and Oropharynx in ICU Patients** - A.M.G.A. de Smet, et al. N Engl J Med 2009; 360:20-31, January 1, 2009
- **Radiation Therapy for Early-Stage Breast Cancer after Breast-Conserving Surgery** - Thomas A. Buchholz N Engl J Med 2009; 360:63-70, January 1, 2009
- **Glucose Control and Vascular Complications in Veterans with Type 2 Diabete** - William Duckworth, et al. N Engl J Med 2009; 360:129-139, January 8, 2009

International Society for Neurofeedback and Research

Indianapolis, IN – Aug 31 – Sept 7, 2009

13.5 category I hours

Prevention of Medical Errors

Florida Medical Association – October 2009

2 category I hours

American Academy of Environmental Medicine

Workshop on LDN

3 category I hours

Symposium

17.25 category I hours

Institute for Functional Medicine

Understanding Biotransformation and Recognizing Toxicity

20.5 category I hours

December 2009, Scottsdale, AZ

Reversing and Preventing Killer Diseases of Bioenergetic Medicine

April 3-4, 2009, Scottsdale AZ – Westbrook University

12 category I hours

Total 106.75 category I hours

Continuing Medical Education 2010

Teaching for Nurse Advocates, Karen Mercereau RN

Alternative and Complementary Medicine for Nurse Practitioners
Oracle, AZ , March 12, 2010 (3 hrs lecture, 3 hrs prep)

6 hours category II

Cancer treatments for Family Practice Doctors

Institute for Functional Medicine webinar

1 hour category II

Insulin potentiation therapy – workshop and conference

24 hours category I

May 12-15, 2010 Ft. Lauderdale, FL

Insulin potentiation therapy

Preceptorship, Dr. Steven Ayre, Dr. Athul Malik, Chicago IL

12 hours category II

New England Journal Weekly CME exams

each 1 hour category I

- **Talking about Death with Children Who Have Severe Malignant Disease**
Ulrika Kreicbergs, et al. - *N Engl J Med* 2004; 351:1175-1186, September 16, 2004
- **Case 6-2005 — A 58-Year-Old Man with Esophageal Cancer and Nausea, Vomiting, and Intractable Hiccups** - E. L. Krakauer and Others - *N Engl J Med*; 352:817-825, Feb 24, 2005.
- **Case 23-2008 — A 26-Year-Old Man with Back Pain and a Mass in the Lung** - L. V. Sequist, J. E. Settleman, J. B. Ackman, and A. J. Iafrate - *N Engl J Med*; 359:405-414, Jul 24, 2008.
- **Malignant Gliomas in Adults** - P. Y. Wen and S. Kesari - *N Engl J Med*; 359:492-507, Jul 31, 2008.
- **Recent Advances in Head and Neck Cancer** - Robert I. Haddad , and Dong M. Shin - *N Engl J Med* 2008; 359:1143-1154, September 11, 2008
- **Autologous Hematopoietic Stem-Cell Transplantation for Multiple Myeloma** - Jean-Luc Harousseau , and Philippe Moreau - *N Engl J Med* 2009; 360:2645-2654, June 18, 2009
- **Case 10-2009 — A 23-Year-Old Woman with an Abnormal Papanicolaou Smear** - Mark A. Goldstein, et al. - *N Engl J Med* 2009; 360:1337-1344, March 26, 2009
- **Case 35-2008 — A 65-Year-Old Man with Confusion and Memory Loss** - Kirk R. Daffner, et al. - *N Engl J Med* 2008; 359:2155-2164, November 13, 2008
- **Screening for Ovarian Cancer** - Daniel L. Clarke-Pearson *N Engl J Med* 2009; 361:170-177, July 9, 2009
- **Barrett's Esophagus** - Prateek Sharma - *N Engl J Med* 2009; 361:2548-2556, December 24, 2009
- **Pancreatic Cancer** - M. Hidalgo - *N Engl J Med*; 362:1605-1617, Apr 29, 2010.
- **Radiofrequency Ablation in Barrett's Esophagus with Dysplasia** - Nicholas J. Shaheen, et al. - *N Engl J Med* 2009; 360:2277-2288, May 28, 2009
- **A 75-Year-Old Man with Hypertension, Hyperglycemia, and Edema.** Graham T McMahon et al. - *N Engl J Med* 2010;362:156-66, Jan 14, 2010
- **Effect of Screening Mammography on Breast-Cancer Mortality in Norway** - Mette Kalager, M.D., Marvin Zelen, Ph.D., Frøydis Langmark, M.D., and Hans-Olov Adami, M.D., Ph.D.
N Engl J Med 2010; 363:1203-1210, [September 23, 2010](#)
- **Persistent Malignant Stem Cells in del(5q) Myelodysplasia in Remission.**
Ramin Tehrani, M.D., Ph.D., Petter S. Woll, Ph.D., et al. - *N Engl J Med* 2010; 363:1025-1037 [September 9, 2010](#)
- **Acupuncture for Chronic Low Back Pain**
Brian M. Berman, M.D., Helene M. Langevin, M.D., et al - *N Engl J Med* 2010; 363:454-461 [July 29, 2010](#)

- **Case 19-2009 — A 63-Year-Old Woman with Carcinoma of the Gastroesophageal Junction.** Eunice L. Kwak, M.D., Ph.D., Theodore S. Hong, M.D., et al. *N Engl J Med* 2009; 360:2656-2664, [June 18, 2009](#)

Journal of the American Medical Association – JAMA

- **Primary Myelofibrosis and the Myeloproliferative Neoplasms: The Role of Individual Variation**
Brady L. Stein, MD, MHS; Alison R. Moliterno, MD - *JAMA*. 2010;303(24):2513-2518.
- **Vitamin B₆ and Risk of Colorectal Cancer: A Meta-analysis of Prospective Studies** Susanna C. Larsson, PhD; Nicola Orsini, PhD; Alicja Wolk, DMSc - *JAMA*. 2010;303(11):1077-1083.
- **A 31-Year-Old Woman With a Transformed Low-grade Glioma**
Peter C. Warnke, MD, Discussant - *JAMA*. 2010;303(10):967-976.
- **Rethinking Screening for Breast Cancer and Prostate Cancer**
Laura Esserman, MD, MBA; Yiwey Shieh, AB; Ian Thompson, MD - *JAMA*. 2009;302(15):1685-1692.
- **A 64-Year-Old Man With Low-Risk Prostate Cancer: Review of Prostate Cancer Treatment**
Martin G. Sanda, MD; Irving D. Kaplan, MD, Discussants - *JAMA*. 2009;301(20):2141-2151.
- **Surgeon Recommendations and Receipt of Mastectomy for Treatment of Breast Cancer** Monica Morrow; Reshma Jagsi; Amy K. Alderman; Jennifer J. Griggs; Sarah T. Hawley; Ann S. Hamilton; John J. Graff; Steven J. Katz - *JAMA* 2009; 302: 1551-1556
- **Outcomes of Localized Prostate Cancer Following Conservative Management**
Grace L. Lu-Yao; Peter C. Albertsen; Dirk F. Moore; Weichung Shih; Yong Lin; Robert S. DiPaola; Michael J. Barry; Anthony Zietman; Michael O'Leary; Elizabeth Walker-Corkery; Siu-Long Yao
JAMA 2009; 302: 1202-1209
- **Agitation and Delirium at the End of Life: "We Couldn't Manage Him"**
William Breitbart; Yesne Alici - *JAMA* 2008; 300: 2898-2910

American Medical Association – AMA

Health Literacy & Patient Safety – Help Patients Understand 2.5 hours category I

Total for 2010 -

Category I hours – 49 hours

Category II hours – 18 hours

Continuing Medical Education 2011

Insulin Potentiation Therapy – conference

Fort Lauderdale, FL May 13-14, 2011 16 hours category I

Current Topics in Integrative Medicine – conference

Minneapolis, MN April 8-10, 2011 11.75 hours category I

Teaching for Nurse Advocates, Karen Mercereau RN

Alternative and Complementary Medicine for Nurse Practitioners

Oracle, AZ March 25, 9-12 and 1-2 8 hours category II

ILADS Conference 2011

Toronto, Canada 17.5 hours category I

Detox/Biotransformation Advanced Training Module

17.25 hours category I

Institute for Functional Medicine, Phoenix, AZ

New England Journal of Medicine each 1 hour category I - 12

- Case 16-2011 — A 67-Year-Old Man with Recurrent Prostate Cancer
- Abiraterone and Increased Survival in Metastatic Prostate Cancer
- Ranibizumab and Bevacizumab for Neovascular Age-Related Macular Degeneration
- Tumor lysis syndrome
- Oxygen Sensing, Homeostasis, and Disease
- Improved Survival with Vemurafenib in Melanoma with BRAF V600E Mutation
- Hepatocellular Carcinoma
- Glucocorticoids plus N-Acetylcysteine in Severe Alcoholic Hepatitis
- Screening for Prostate Cancer
- Comparative Effectiveness of Weight-Loss Interventions in Clinical Practice
- Childhood Adiposity, Adult Adiposity, and Cardiovascular Risk Factors
- Case 33-2011 — A 56-Year-Old Man with Hypophosphatemia

Domestic violence

Florida Medical Association – Net CE 2 hours category I

Prevention of medical errors

Florida Medical Association – Net CE 2 hours category I

Total hours

78.5 hours category I

8 hours category II

Publications 2011

- Oct. 2011 -- **Breast Cancer: Cause & Consequences** <http://www.naturalaz.com/ARIZ/October-2011/Breast-Cancer-Cause-and-Consequences/index.php?previewmode=on>
- Dec. 2011 -- **Changing the Paradigm of Medicine**
- <http://www.naturalaz.com/ARIZ/December-2011/Changing-the-Paradigm-of-Medicine/index.php?previewmode=on>

Continuing Medical Education 2012

Chiren training – Biophotonic therapy

Initial course Jan 19-22, Tucson AZ	24 hours category II
Video conference Feb 24-25	12 hours category II
Video conference Mar 3	6 hours category II
Video conference Mar 23-24	12 hours category II
Video conference May 5	3 hours category II
Video conference June 23-24	12 hours category II
Video conference July 25-26	12 hours category II
Video conference Aug 9-10	12 hours category II
Video conference Aug 23-24	12 hours category II
Video conference Sept 8-9	12 hours category II
 Total for Chiren training	 98 hours category II

Case reviews for Arizona Medical Board

Case MD 11-1614A	6 hours category I
Case MD 11-0998A	6 hours category I

Success Bootcamp Rx – Functional Medicine

Xymogen - Phoenix AZ Apr 1, 2012 -	7.5 hours category II
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Decoding the Mystery of Chronic Illness

Healthy Medicine Academy, Scottsdale AZ Sept 15-16, 2012	2 hours category II 9 hours category I
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NIH Protecting Human Research Participants

Online course at http://phrp.nihtraining.com	3 hours category I
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American Medical College of Homeopathy

Homeopathic regulatory commission meetings and regulatory activities	
07-30-12	2 hours category II
08-28-12	0.75 hours category II
09-24-12	1.5 hours category II
10-26-12	3 hours category II

American Academy of Environmental Medicine

Fall symposium, St. Petersburg, FL, Oct 3-7, 2012	18.75 hours category I
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Presentation at the above AAEM symposium

Case presentation: A Musician Undone	3 hours preparation, category II
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New England Journal of Medicine

	each 1 hour category I
• Dengue – Simmons C, Farrar J et al. N Engl J Med 2012; 366:1423-1432 April 12, 2012	
• Malaria - Ronnatrai Rueangweerayut et al. N Engl J Med 2012;366: 1298-1309 , April 5, 2012	
• Parkinsons – Okun MS. N Engl J Med 2012; 367:1529-1538 October 18, 2012	

Publications 2012

- Jan. 2012 -- **New Language Changing the Paradigm of Medicine.**
<http://www.naturalaz.com/ARIZ/January-2012/New-Language-Changing-the-Paradigm-of-Medicine/index.php?previewmode=on>
 - Feb. 2012: **Obesity is Not Inevitable** <http://www.naturalaz.com/ARIZ/February-2012/Obesity-is-Not-Inevitable/index.php?previewmode=on>
 - Apr 2012 - **The Chiren® – Delving Deep into the Nature of Life Itself.** Explore Magazine
 - May 2012 - **What is Women’s Wellness?** <http://www.naturalaz.com/ARIZ/May-2012/What-is-Womens-Wellness/>
 - Aug 2012 - **Impact of the Chiren Device on Post-Traumatic Stress Disorder**
<http://www.naturalaz.com/ARIZ/August-2012/Impact-of-the-Chiren-Device-on-Post-Traumatic-Stress-Disorder/>
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CONTINUING MEDICAL EDUCATION 2013

Chiren training – Biophotonic therapy

Synthesis – John Boswinkel – 03-17-13

6 hours category II

American Medical College of Homeopathy

Homeopathic regulatory commission meetings and regulatory activities

1.25 hours category II

American Academy of Environmental Medicine

- Board meetings for Gateway Conference in St. Louis, April 2013
- Conference committee meetings for Fall Conference in Phoenix
- Fall Conference in Phoenix, AZ

25.75 hours category I

New England Journal of Medicine

- Marcus Maurer - **Omalizumab for the Treatment of Chronic Idiopathic or Spontaneous Urticaria** - N Engl J Med 2013;368: 924-935 , March 7, 2013 1 hour category I
- Allen G.P. Ross - **Enteropathogens and Chronic Illness in Returning Travelers** - N Engl J Med 2013;368: 1817-1825 , May 9, 2013 1 hour category I
- Gil Yosipovitch – **Chronic Pruritus** - N Engl J Med 2013;368: 1625-1634 , April 25, 2013 1 hour category I
- Boonen E - **Reduced Cortisol Metabolism during Critical Illness** - N Engl J Med 2013;368: 1477-1488 , April 18, 2013 1 hour category I
- Florez JC, Shepard JO, Kradin RL. – **Diabetes and fatigue** – NEJM 2013;368:2126-36. 1 hour category I
- T. Jake Liang, M.D., and Marc G. Ghany, M.D. - **Current and Future Therapies for Hepatitis C Virus Infection** - N Engl J Med 2013; 368:1907-1917 | May 16, 2013 1 hour category I
- Michael J. Kelly et al. Case 13-2013 — **A 6-Year-Old Girl with Bone and Joint Pain and Abdominal Distention**. N Engl J Med 2013;368: 1636-1645 , April 25, 2013 1 hour category I
- Daniel P. Hunt et al. Case 12-2013 — **An 18-Year-Old Woman with Pulmonary Infiltrates and Respiratory Failure**. N Engl J Med 2013;368: 1537-1545 , April 18, 2013. 1 hour category I
- Bruno Hoen et al. **Infective Endocarditis**. N Engl J Med 2013;368: 1425-1433, April 11, 2013 1 hour category I
- Nielsen OH, Ainsworth MA. **Tumor Necrosis Factor Inhibitors for Inflammatory Bowel Disease**. N Engl J Med 2013; 369:754-762 | August 22, 2013 1 hour category I
- James C. Grotta, M.D. **Carotid Stenosis**. N Engl J Med 2013; 369:1143-1150 | September 19, 2013 1 hour category I
- Reiko Nishihara, Ph.D et al. **Long-Term Colorectal-Cancer Incidence and Mortality after Lower Endoscopy**. N Engl J Med 2013; 369:1095-1105 | September 19, 2013 1 hour category I
- Franco Dammacco and Others. **Therapy for Hepatitis C Virus–Related Cryoglobulinemic Vasculitis**. N Engl J Med 2013;369: 1035-1045 , September 12, 2013 1 hour category I
- Michael G. Shlipak and Others. **Cystatin C versus Creatinine in Determining Risk Based on Kidney Function**. N Engl J Med 2013;369: 932-943 , September 5, 2013. 1 hour category I
- David S. Wald and Others. **Randomized Trial of Preventive Angioplasty in Myocardial Infarction**. N Engl J Med 2013;369: 1115-1123 , September 19, 2013. 1 hour category I
- David W. Eyre and Others. **Diverse Sources of *C. difficile* Infection Identified on Whole-Genome Sequencing**. N Engl J Med 2013;369: 1195-1205 , September 26, 2013 1 hour category I
- John A. Myburgh and Others. **Resuscitation Fluids**. N Engl J Med 2013;369: 1243-1251 , September 26, 2013 1 hour category I

- Tracey A. Cho and Others. **Otalgia, Slurred Speech, and Ataxia.** N Engl J Med 2013;369: 1253-1261 ,
September 26, 2013 1 hour category I
- Total to date 18 hours category I

The Oncologist

"Nutrient Restriction and Radiation Therapy for Cancer Treatment: When Less is More"

February 4, 2013 1 hour category I

Locoregional Interaction of Ixabepilone (Ixempra) After Breast Cancer Radiation

Vinita Takiar, Eric A. Strom, Donald P. Baumann, Funda Meric-Bernstam, Ricardo H. Alvarez, Ana M. Gonzalez-Angulo

Oncologist 2013; 18: 265-270 1 hour category I

Breast Implant–Associated ALCL: A Unique Entity in the Spectrum of CD30⁺Lymphoproliferative Disorders 1 hour category I

Sara K. Story, Michael K. Schowalter, Larisa J. Geskin

Oncologist 2013; 18: 301-307

Total to date 3 hours category I

International IPT/IPTLD Integrative Cancer Care 2013 Conference 16 hours category I
Dallas, TX

Integrative Cancer Medicine: Clinical Applications of Cancer Strategies. Workshop on Foods that Treat Cancer 18.25 hours category I
2 hours category I
Healthy Medicine Academy, April 26-29, 2013, Scottsdale AZ.

Institute for Functional Medicine Annual Conference 2013 13 hours category I
Illuminating the Energy Spectrum - Dallas, Tx

Metabolic Nexus 6 hours category II
Phoenix, AZ 11-17-13 David Perlmutter

Chronic Disease: Highlighting Electromagnetic Hypersensitivity, Lyme, Mycotoxicity, Autism, Cancer and Much More - American Academy of Environmental Medicine, October 24-27, 2013 25..75 hours category I

Teaching students – Southwest College of Naturopathic Medicine 8 hours category II
Summer 2013

Prevention of Medical Errors 2 hours category I
ContinuingEducation.com partial requirement for Florida Licensure

Essential New Considerations in Anaphylaxis 1.25 hours category I
AAAAI online course

Total hours 11/14/2013 **Category I – 99.25**
Category II – 21.25

Publications 2013

- Jan 2013 - **There is an Alternative to Conventional Chemotherapy.**
<http://www.naturalaz.com/ARIZ/January-2013/There-is-an-Alternative-to-Conventional-Chemotherapy/>
 - March 2013 - **Allergies are More Than Just Sneezing**
<http://www.naturalaz.com/ARIZ/March-2013/Allergies-are-More-Than-Just-Sneezing/>
 - May 2013 – **Lyme Disease** <http://www.naturalaz.com/ARIZ/May-2013/Lyme-Disease/>
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CONTINUING MEDICAL EDUCATION 2014

BAFC – Integrative Oncology Conference 2014

Reno, NV

21.75 hours category I

American Academy of Environmental Medicine

- Board meetings for Conference 2014 10 hours category II
- Conference committee meetings for Food course 6 hours category II
- Developing Food course 40 hours category II
- Fall Conference 18.25 hours category I
- LDA Workshop 7.75 hours category I

International Lyme and Associated Diseases Symposium

Washington, DC – Oct 10-13

18.75 hours category I

New England Journal of Medicine

- “Benign Paroxysmal Positional Vertigo” 1 hour category I
Ji-Soo Kim, M.D., Ph.D., and David S. Zee, M.D. N Engl J Med 2014; 370:1138-1147 | March 20, 2014
- “Case 9-2014 — A 34-Year-Old Woman with Increasing Dyspnea” 1 hour category I
Kai Saukkonen, M.D. N Engl J Med 2014; 370:1149-1157 | March 20, 2014

Medscape

- New Treatment Options for Partial-Onset Seizures 1.25 hrs category I
- Multiple Myeloma case study 0.75 hrs category I
- Managing Invasive Fungal Infections 0.5 hrs category I

Teaching students – Southwest College of Naturopathic Medicine

Spring 2014

6 hours category II

Summer 2014

8 hours category II

Total hours

Category I – 71 hours
Category II – 70 hours

Continuing Medical Education 2015

BAFC – Integrative Oncology Conference 2015

Apr 30 – May 2, 2015 Reno, NV 20.5 hours category I

American Academy of Environmental Medicine

- Spring courses 2015
 - **Advanced Topics in Environmental Medicine** 14 hours category I
 - **Diagnosis and Treatment of Food Sensitivities** 14 hours category I
- Board meetings for AAEM Conference 2015 4 hours category II
- Developing Food course (in progress) 10 hours category II

Doximity

- [Why Medical Schools Are Tolerant of Unethical Behavior](#) 0.5 hours category I
- [When Patients Don't Follow Up](#) 0.5 hour category I

New England Journal of Medicine each provides 1 hour category I

- **Viscosupplementation for Osteoarthritis of the Knee –**
David J. Hunter. N Engl J Med 2015;372: 1040-1047 , March 12, 2015
- **Mast Cells, Mastocytosis, and Related Disorders**
Theoharis C. Theoharides and Others, N Engl J Med 2015;373: 163-172 , July 9, 2015
- **Thyroid Nodules**
Kenneth D. Burman and Others, N Engl J Med 2015;373: 2347-2356 , December 10, 2015

CITI Human Subjects Research Basic Course

Part I 06-22-15 6 hours category I

Part II 06-23-15 6 hours category I

Adipose and Bone Marrow Collection Techniques

May 9-10, 2015 BocaRaton, FL 12 hours category II

Introductory course to Regenerative Medicine – stem cells, PRP 7 hours category I

July 25, 2015, Jupiter, FL - RMTI

American Association of Aesthetic Medicine & Surgery 7 hours category II

Sept 8, 2015 - Express Liposuction, Los Angeles, CA

Arizona Homeopathic and Integrative Medicine Association

Sept 19, 2015 - Complex Homeopathy, Phoenix AZ 7 hours category II

Neurotransmitter 1 day course – Marty Hinz

Sept 5, 2015, Phoenix, AZ 6 hours category 1

American Academy of Environmental Medicine

Oct 1-4, 2015 - Fall symposium – Neuroimmunotoxicology 16.5 hours category I

Southwest College of Naturopathic Medicine

Student teaching 8 hours category II

Total hours Category I – 92 hours

Additional 16.25 hours w/ ILADS conference upcoming

Category II – 48 hours

Continuing Medical Education 2016

Advancements in Cancer Management for Primary Care

Cancer Treatment Centers of America, WRMC 02-06-16 5 hours category I

14th Annual Integrative Oncology Conference

Best Answer for Cancer Foundation, San Diego CA April 14-16, 2016 14 hours category I

Southwest College of Naturopathic Medicine

Student teaching winter 2015-16 8 hours category I

New England Journal of Medicine CME – 1 hour per item

NEJM 10-Year Outcomes after Monitoring, Surgery, or Radiotherapy for Localized Prostate Cancer

NEJM Cardiovascular Toxic Effects of Targeted Cancer Therapies

NEJM Chronic Cough

NEJM Graves' Disease

NEJM Prevalence of Pulmonary Embolism in pts hospitalized for syncope

International Lyme and Associated Diseases Society

2016 Annual Scientific Conference, Nov 4-6, 2016, Philadelphia PA 17.25 hours category I

IPT Academy – Donato Perez Garcia, MD

October 7, 2016 Burr Ridge, IL 12 hours category II

Total hours Category I – 44.25 hours

Category II – 12 hours

Continuing Medical Education 2017

Basics of the HLA System PACE Program 0.5 hours category I

Advancements in Cancer Management for Primary Care

Cancer Treatment Centers of America, WRMC 05-13-2017 5 hours category I

15th Annual Integrative Oncology Conference

Best Answer for Cancer Foundation, St Petersburg, FL Apr 27-29, 2017 19.75 hours category I

Southwest College of Naturopathic Medicine

Student teaching winter 2016-17 8 hours category II

New England Journal of Medicine CME – 1 hour per item

NEJM Evacetrapib and Cardiovascular Outcomes in HighRisk Vascular Disease

NEJM Mepolizumab or Placebo for Eosinophilic Granulomatosis with Polyangiitis

NEJM Completion Dissection or Observation for Sentinel Node Metastasis in Melanoma

NEJM Early, Goal-Directed Therapy for Septic Shock — A Patient Level MetaAnalysis

NEJM Social Anxiety Disorder

NEJM A Trial of Itraconazole or Amphotericin B for HIV-Associated Talaromycosis

NEJM Diabetic Foot Ulcers and Their Recurrence

NEJM Bioresorbable Scaffolds versus Metallic Stents in Routine PCI

NEJM Effects of Sotagliflozin Added to Insulin in Patients with Type 1 Diabetes

NEJM - A Bivalent Meningococcal B Vaccine in Adolescents and Young Adults 10 hours

Sixth Annual Southwest Diabetes Symposium 4.5 hours category I

Pediatric Tick Borne Disease: Diagnosis and Management

Feb 8, 2017 1 hour category I

MedScape CME

C. difficile and Serious Gram-Negative Infections 1.25 hours category I

IBS-D and Functional Diarrhea 0.25 hours category I

Pharmacologically Treating the Brain in Diabetes 0.25 hours category I

Total hours Category I – 42.5 hours

Category II – 8 hours
