Complementary & Integrative Medicine: 2008
Wake Forest University Baptist Medical Center

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Family and Community Medicine,
Regenerative Medicine, Bioethics,
Social Science and Health Policy

Research Publications, peer reviewed (N=191)

Research is divided into several areas:

- Cultural Competency and Communication
- Education
- Environment- including sunshine, light therapy
- Epidemiology of CAM use
- Ethics, Legal and Regulatory Issues in integrative medicine
- Exercise and Fitness, including yoga
- Massage
- Nutrition and Diet
- Dietary Supplements, including vitamins, minerals, amino acids, fatty acids and herbs (those used for treatment and those which are toxic, such as tobacco, alcohol, marijuana and cocaine); botulinum toxin is included separately; retinoic acid is not included
- Stress and mind-body techniques to manage stress
- Religion and Spirituality
- Biofield therapies, including Healing Touch, Reiki, acupuncture, homeopathy
- Women's Health
- Other, including folk remedies

Cultural Competency and Communication (N=5)

Auchincloss AH, Diez Roux AV, Brown DG, Erdmann CA Bertoni AG. Neighborhood resources for physical activity and healthy foods and their association with insulin resistance. Epidemiology 2008;19(1):146-147.

Guerrera MP, Glick RM, Benn R, Kemper K, Kligler B, Maizes V. Integrative patient-centered care . J Altern Complement Med 2008;14(5):454.

Kemper KJ, Foy JM, Wissow L, Shore S. Enhancing communication skills for pediatric visits through on-line training using video demonstrations. BMC Med Educ. 2008:11(8):8.

Marion GS, Van Rhee J, Hildebrandt CA, Lischke MP. Physician Assistant Students Take the Plunge. The Journal of Physician Assistant Education. 2008;18(4):448-51.

Marion GS, Hildebrandt CA, Davis Sa, Marin AA, Crandall SJ. Working Effectively with Interpreters: A Model Curriculum for Physician Assistant Students. Medical Teacher. 2008;30(6):612-617.

Education (N=5)

Crandall SJ. The compelling need for cross-cultural medical education. Bratisl Lek Listy 2008;109:241. Invited response to Reitmanova S. Cross-cultural medial education and training. Bratisl Lek Listy 2008;109:82-87.

Crandall S, Marion G, Davis S, Celestino F, Jackson D, Hildebrandt C. Evaluation of a patient-centered communications curriculum: the road to reaching common ground. Medical Encounter, Fall 2007/Winter 2008;21(4):93.

Kemper KJ, Woods C, McBride A. What's in a Name? Impact of marketing different course titles on enrollment for online classes. Acad Med. 2008 Dec;83(12):1187-90.

Lie DA, Boker J, Crandall S, DeGannes CN, Elliott D, Henderson P, Kodjo C, Seng L. Revising the tool for assessing cultural competence training (TACCT) for curriculum evaluation: findings derived from seven US schools and expert consensus. Med Educ Online 2008;13:article 11.

Vadlamudi RS, Adams S, Hogan B, Wu T, Wahid Z. Nurses' attitudes, beliefs and confidence levels regarding care for those who abuse alcohol: impact of educational intervention. Nurse Educ Pract. 2008 Jul;8(4):290-8.

Environment, including sunshine, phototherapy, noise, environmental toxins, air pollution, music (N=12)

Keen SB, Yelverton CB, Rapp SR, Feldman SR. UV light abuse as a substance-related disorder: clinical implications. Arch Dermatol. 2008 Aug;144(8):1047-8.

Kemper KJ, McLean TW. Parents' attitudes and expectations about music's impact on pediatric oncology patients. J Soc Integr Oncol. 2008 Fall;6(4):146-9.

Kemper KJ, Hamilton CA, McLean TW, Lovato J. Impact of music on pediatric oncology outpatients.Pediatr Res. 2008 Jul;64(1):105-9. Cited in *Biotech Week, Biotech Business Week and Drug Week.*

Kemper KJ, Hamilton CA. Music and weight gain in premature infants [letter]. J Altern Complement Med 2008;14(10):1185-1186.

Kemper KJ, Hamilton CA. Live harp music reduces activity and increases weight gain in stable premature infants [letter]. J Altern Complement Med 2008;14(10):1185-1186.

Morris BH, Oh W, Tyson JE, Stevenson DK, Phelps DL, O'Shea TM, McDavid GE, Perritt RL, Van Meurs KP, Vohr BR, et al. Aggressive vs. conservative phototherapy for infants with extremely low birth weight. N Engl J Med 2008;359(18):1885-1896.

Proescholdbell SK, Foley KL, Johnson J, Malek SH. Indoor air quality in prisons before and after implementation of a smoking ban law. Tob Control 2008;17(2):123-127.

Rubin BK, Stoloff SW, Giordano SP. Environmental issues in managing asthma [discussion]. Respir Care 2008;53(5):616-617.

Sutfin EL, Szykman LR, Moore MC. Adolescents' responses to anti-tobacco advertising: exploring the role of adolescents' smoking status and advertisement theme. J Health Commun. 2008 Jul-Aug;13(5):480-500.

Terrell F, Zatzick DF, Jurkovich GJ, Rivara FP, Donovan DM, Dunn CW, Schermer C, Meredith JW, Gentilello LM. Nationwide survey of alcohol screening and brief intervention practices at US Level I trauma centers. J Am Coll Surg 2008;207(5):630-638.

Yelverton CB, Yentzer BA, Clark A, Pearce DJ, Balkrishnan R, Camacho FT, Boles A, Fleischer AB Jr, Feldman SR. Home narrowband UV-B phototherapy in combination with low-dose acitretin in patients with moderate to severe psoriasis. Arch Dermatol. 2008 Sep;144(9):1224-5.

Yentzer BA, Yelverton CB, Pearce DJ, Camacho FT, Makhzoumi Z, Clark A, Boles A, Fleischer AB Jr, Balkrishnan R, Feldman SR. Adherence to acitretin and home narrowband ultraviolet B phototherapy in patients with psoriasis. J Am Acad Dermatol. 2008 Oct;59(4):577-81.

Epidemiology (N=4)

Avis NE, Deimling GT. Cancer survivorship and aging. Cancer 2008;113(12):3519-3529.

Gardiner P, Buettner C, Davis RB, Phillips RS, Kemper KJ. Factors and common conditions associated with adolescent dietary supplement use: an analysis of the National Health and Nutrition Examination Survey (NHANES). BMC Complement Altern Med 2008;8:article 9.

Grzywacz JG, Quandt SA, Neiberg R, Lang W, Bell RA, Arcury TA. Age-related differences in the conventional health care-complementary and alternative medicine link. Am J Health Behav. 2008 Nov-Dec;32(6):650-63. PMID: 18442344. Cited by *Fox Business Network (6/26/2008).*

Rouster-Stevens K, Nageswaran S, Arcury TA, Kemper KJ.How do parents of children with juvenile idiopathic arthritis (JIA) perceive their therapies? BMC Complement Altern Med. 2008 Jun 2;8:25.

Ethics, Legal and Regulatory Issues

Kemper KJ, Cohen MH: Complementary therapies in pediatrics – legal perspectives. In: Perkin RM, Swift JD, Newton DA Anas NG, eds. *Pediatric hospital medicine: textbook of inpatient management. 2nd ed.* Philadelphia: Wolters, Kluwer, Health/Lippincott, Williams & Wilkins, 2008:70-74.

Exercise and Fitness, including yoga (N=17)

Chua SD Jr, Messier SO, Legault C, Lenz ME, Thonar EJ-MA, Loeser RF. Effect of an exercise and dietary intervention on serum biomarkers in overweight and obese adults with osteoarthritis of the knee. Osteoarthritis Cartilage 2008;16(9):1047-1053.

Danhauer SC, Russell G, Campbell CR, Daley KL, McQuellon RP, Levine. Restorative yoga for women with breast cancer: findings from a randomized pilot study [abstract]. Ann Behav Med 2008;35(suppl 1):S103.

Danhauer SC, Tooze JA, Farmer DF, Campbell CR, McQuellon RP, Barrett R, Miller BE Restorative yoga for women with ovarian or breast cancer: findings from a pilot study. J Soc Integr Oncol. 2008 Spring;6(2):47-58.

Gesell SB, Reynolds EB, Ip EH, Fenlason LC, Pont SJ, Poe EF, Barkin SL. Social influences on self-reported physical activity in overweight Latino children. Clin Pediatr 2008;47(8):797-802.

Goodpaster BH, Chomentowski P, Ward BK, Rossi A, Glynn NW, Delmonico MJ, Kritchevsky SB, Pahor M, Newman AB. Effects of physical activity on strength and skeletal muscle fat infiltration in older adults: a randomized controlled trial. J Appl Physiol 2008;105(5):1498-1503.

Groban L, Jobe H, Lin M, Houle T, Kitzman DA, Sonntag W. Effects of short-term treadmill exercise training or growth hormone supplementation on diastolic function and exercise tolerance in old rats.

J Gerontol A Biol Sci Med Sci. 2008 Sep;63(9):911-20.

Jakicic JM, Marcus BH, Lang W, Janney C.Effect of exercise on 24-month weight loss maintenance in overweight women. Arch Intern Med. 2008 Jul 28;168(14):1550-9; discussion 1559-60. Erratum in: Arch Intern Med. 2008 Oct 27;168(19):2162.

Kitzman DW, Groban L. Exercise intolerance. Heart Fail Clin. 2008 Jan;4(1):99-115. Review.

Klepin HD, Geiger AM, Tooze J, Newman AB, Colbert LH, Bauer DC, Satterfield S, Pavon J, Kritchevsky SB. Physical performance measures predict survival in older cancer patients: the Health Aging and Body Composition study (Health ABC) [abstract]. J Am Geriatr Soc 2008;56(4):S169-S170.

Lyles MR, Wang X, Demons JL, Nicklas BJ. Functional consequences of weight regain: changes 6 months after a successful weight loss intervention [abstract]. J Am Geriatr Soc 2008;56(4 Suppl):S20.

Marzetti E, Groban L, Wohlgemuth SE, Lees HA, Lin M, Jobe H, Giovannini S, Leeuwenburgh C, Carter CS. Effects of short-term GH supplementation and treadmill exercise training on physical performance and skeletal muscle apoptosis in old rats. Am J Physiol Regul Integr Comp Physiol. 2008 Feb;294(2):R558-67.

Miller GD, Nicklas BJ, Loeser RF. Inflammatory biomarkers and physical function in older, obese adults with knee pain and self-reported osteoarthritis after intensive weight-loss therapy. J Am Geriatr Soc. 2008 Apr;56(4):644-51. Epub 2008 Feb 28.

Nicklas BJ, Hsu FC, Brinkley TJ, Church T, Goodpaster BH, Kritchevsky SB, Pahor M. Exercise training and plasma C-reactive protein and interleukin-6 in elderly people. J Am Geriatr Soc. 2008 Nov;56(11):2045-52.

Rejeski WJ, King AC, Katula JA, Kritchevsky S, Miller ME, Walkup MP, Glynn NW, Pahor M; LIFE Investigators. Physical activity in prefrail older adults: confidence and satisfaction related to physical function. J Gerontol B Psychol Sci Soc Sci. 2008 Jan;63(1):P19-26.

Skelton JA, DeMattia LG, Flores G. A pediatric weight management program for high-risk populations: a preliminary analysis. Obesity (Silver Spring). 2008 Jul;16(7):1698-701.

Wang X, Lyles MF, You T, Berry MJ, Rejeski WJ, Nicklas BJ. Weight regain is related to decreases in physical activity during weight loss. Med Sci Sports Exerc. 2008 Oct;40(10):1781-8.

You T, Nicklas BJ. Effects of exercise on adipokines and the metabolic syndrome. Curr Diab Rep. 2008 Feb;8(1):7-11.

Nutrition and Diet (N=33)

Adams. MR, Anthony MS, Chen H, Clarkson TB. Replacement of dietary soy protein isolate with concentrates of soy 7S or 11S globulin has minimal or no effets on plasma lipoprotein profiles and biomarkers of coronary risk in monkeys. Atherosclerosis 2008;196(1):76-80.

Appt SE, Clarkson TB, Adams MR, Hoyer PB, Christian PJ, Kaplan JR. Dietary soy with isoflavones retards ovarian aging [abstract]. Menopause 2008;15(6):1210

Appt SE, Tormala R, Franke AA, Mikkola TS, Tikkanen MJ, Ylidorkala O, Clarkson TB. Soy-tibolone Combination – effect on lipids in postmenopausal monkeys and women. Maturitas 2008;60(3-4):216-222

Bopp MJ, Houston DK, Lenchik L, Easter L, Kritchevsky SB, Nicklas BJ. Lean mass loss is associated with low protein intake during dietary-induced weight loss in postmenopausal women. J Am Diet Assoc. 2008 Jul;108(7):1216-20

Chen YQ, Edwards IJ, Kridel SJ, Thornburg T, Berquin IM. Dietary fat-gene interactions in cancer. Cancer Metastasis Rev. 2007 Dec;26(3-4):535-51

Collins-Burow B, Boue S, Muir S, Rhodes L, Guillot L, Zimmermann C, Salvo V, Fonseca J, Elliott S, Wood C, et al. Glyceollins (I-III), novel anti-estorgenic phytochemicals isolated from soy [abstract]. J Investig Med 2008;56(1):470-471

Danhauer SC, Keim J, Hurt G, Vitolins M. A survey of cancer patient preferences: which types of snacks do they prefer during treatment? Eur J Cancer Care (Engl). 2008 Oct 22

Degirolamo C, Kelley KL, Rudel LL. Dietary flaxseed oil compared to monounsaturated fat limits hepatic cholesteryl ester deposition in a mouse model of atherosclerosis [abstract]. Arterioscler Thromb Vasc Biol 2008;28(6):e-60

Gao SK, Beresford SAA, Frank LL, Schreiner PJ, Burke GL, Fitzpatrick AL. Modifications to the Healthy Eating Index and its ability to predict obesity: the MultiEthnic Study of Aterhosclerosis. Am J Clin Nutr 2008;88(1):64-69

Gordon MM, Czerwinski MJ, Bopp G, Easter L, Miller GD, Lyles MF, Houston DK, Nicklas BJ, Kritchevsky SB. Effects of dietary protein on the composition of weight loss in post-menopausal women. J Nutr Health Aging. 2008 Oct;12(8):505-9

Houston DK, Cesari M, Ferrucci L, Cherubini A, Maggio D, Bartali B, Johnson MA, Schwartz GG, Kritchevsky SB. Association between vitamin D status and physical performance: the InCHIANTI study. J Gerontol A Biol Sci Med Sci. 2007 Apr;62(4):440-6

Houston DK, Nicklas BJ, Ding J, Harris TB, Tylavsky FA, Newman AB, Lee JS, Sahyoun NR, Visser M, Kritchevsky SB; Health ABC Study. Dietary protein intake is associated with lean mass change in older, community-dwelling adults: the Health, Aging, and Body Composition (Health ABC) Study. Am J Clin Nutr. 2008 Jan;87(1):150-5

Kavanagh K, Jones KL, Sawyer J, Kelley K, Carr JJ, Wagner JD, Rudel LL. Trans fat diet induces abdominal obesity and changes in insulin sensitivity in monkeys. Obesity (Silver Spring). 2007 Jul;15(7):1675-84

Kirk JK, Graves DE, Craven TE, Lipkin EW, Austin M, Margolis KL. Restricted-carbohydrate diets in patients with type 2 diabetes: a meta-analysis. J Am Diet Assoc. 2008 Jan;108(1):91-100

Knight J, Easter LH, Neiberg R, Assimos DG, Holmes RP. Increased protein intake on controlled oxalate diets does not increase urinary oxalate excretion. Urol Res. 2009 Jan 29

Knovich MA, Il'yasova D, Ivanova A, Molnár I. The association between serum copper and anaemia in the adult Second National Health and Nutrition Examination Survey (NHANES II) population. Br J Nutr. 2008 Jun;99(6):1226-9

Kritchevsky, SB. 'Adherence bias' in nutritional epidemiology [letter]. Am J Clin Nutr 2008;88(5):1448-1449.

Lawrence JM, Liese AD, Liu L, Dabelea D, Anderson A, Imperatore G, Bell R. Weight-loss practices and weight-related issues among youth with type 1 or type 2 diabetes. Diabetes Care. 2008;Dec;31(12):2251-7

Matrangola SL, Madigan ML, Nussbaum MA, Ross R, Davy KP. Changes in body segment inertial parameters of obese individuals with weight loss. J Biomech. 2008 Nov 14;41(15):3278-81. Epub 2008 Oct 17

Mayer-Davis EJ, Dabelea D, Lamichhane AP, D'Agostino RB Jr, Liese AD, Thomas J, McKeown RE, Hamman RF. Breast-feeding and type 2 diabetes in the youth of three ethnic groups: the SEARCh for diabetes in youth case-control study. Diabetes Care. 2008 Mar;31(3):470-5

Mellen PB, Gao SK, Vitolins MZ, Goff DC Jr. Deteriorating dietary habits among adults with hypertension: DASH dietary accordance, NHANES 1988-1994 and 1999-2004. Arch Intern Med. 2008 Feb 11;168(3):308-14.

Mellen PB, Walsh TF, Herrington DM. Whole grain intake and cardiovascular disease: a meta-analysis. Nutr Metab Cardiovasc Dis. 2008 May;18(4):283-90. Epub 2007 Apr 20.

Messier SP. Obesity and osteoarthritis: disease genesis and nonpharmacologic weight management. Rheum Dis Clin North Am. 2008 Aug;34(3):713-29.

Nettleton JA, Schulze MB, Jiang R, Jenny NS, Burke GL, Jacobs DR Jr. A priori-defined dietary patterns and markers of cardiovascular disease risk in the Multi-Ethnic Study of Atherosclerosis (MESA). Am J Clin Nutr. 2008 Jul;88(1):185-94.

Nettleton JA, Steffen LM, Palmas W, Burke GL, Jacobs DR Jr. Associations between microalbuminuria and animal foods, plant foods, and dietary patterns in the Multiethnic Study of Atherosclerosis. Am J Clin Nutr. 2008 Jun;87(6):1825-36.

Newton IG, Forbes ME, Linville MC, Pang H, Tucker EW, Riddle DR, Brunso-Bechtold JK. Effects of aging and caloric restriction on dentate gyrus synapses and glutamate receptor subunits. Neurobiol Aging. 2008 Sep;29(9):1308-18.

O'Shea TM, Langer J, Phelps D. Human milk intake and retinopathy of prematurity in extremely low birth weight infants [reply to letter]. Pediatrics 2008;122(3):687-688.

Penniston KL, Nakada SY, Holmes RP, Assimos DG. Quantitative assessment of citric acid in lemon juice, lime juice, and commercially-available fruit juice products. J Endourol. 2008 Mar;22(3):567-70.

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Temel RE, Rudel LL. Diet effects on atherosclerosis in mice. Curr Drug Targets. 2007 Nov;8(11):1150-60.

Walrand S, Short KR, Bigelow ML, Sweatt AJ, Hutson SM, Nair KS. Functional impact of high protein intake on healthy elderly people. Am J Physiol Endocrinol Metab. 2008 Oct;295(4):E921-8.

Yaroch AL, Tooze J, Ramos UC, Shaikh A, Thompson F, McNutt S, Moshfegh A, Nebeling L. Is bigger better? Validity of three screeners to assess fruit and vegetable intake [abstract]. Ann Behav Med 2008;35(Suppl 1):s185.

Zhang J, Massmann AG, Pulgar VM, Figueroa JP. Effects of diet-induced obesity on insulin sensitivity in adult sheep exposed antenataly to glucocorticoids [abstract]. Reprod Sci 2008;15(2Suppl):276A.

Herbs and Dietary Supplements (N=84) (Therapeutic, Toxic, Botulinum)

Therapeutic (herbs, vitamins, minerals, amino acids, fatty acids, probiotics)

Herbs

Curcumin

Hatcher H, Planalp R, Cho J, Torti FM, Torti SV. Curcumin: from ancient medicine to current clinical trials. Cell Mol Life Sci. 2008 Jun;65(11):1631-52

Jiao Y, Wilkinson J 4th, Di X, Wang W, Hatcher H, Kock ND, D'Agostino R Jr, Knovich MA, Torti FM, Torti SV. Curcumin, a cancer chemopreventive and chemotherapeutic agent, is a biologically active iron chelator. Blood. 2009 Jan 8;113(2):462-9. Epub 2008 Sep 24.

Miller MS, Dance ST, Kock ND, Moore JE, D'Agostino RB Jr, Mosley LJ, Townsend AJ. Lung tumor promotion by curcumin [abstract]. Toxicol Sci 2008;102(S-1 [Toxicologist]:23.

Ginkgo (N=4)

DeKosky ST, Furberg CD. Turning over a new leaf: ginkgo biloba in prevention of dementia? Neurology 2008;70(19):1730-1731

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Williamson JD, Vellas B, Furberg C, Nahin R, Dekosky ST. Comparison of the design differences between the Ginkgo Evaluation of Memory study and the GuidAge study. J Nutr Health Aging. 2008 Jan;12(1):73S-9S. Cited by *InterestALERT (11/18/2008), W-S Journal (11/19/2008), The News & Advance (11/19/2008), MedPage Today (11/20/2008), The Dothan Eagle (11/20/2008), & MedIndia (12/11/2008).*

Sink KM, Lovato J, Williamson J, Atkinson H, Carlson MC, Lopez O, Nahin R, DeKosky ST, Goff D. Anticholinergic burden is associated with worse physical function: the Ginkgo Evaluation of Memory Study (GEMS) [abstract]. J Am Geriatr Soc 2008;56(4 Suppl):S11.

Soy (N=16)

Adams MR, Anthony MS, Chen H, Clarkson TB. Replacement of dietary soy protein isolate with concentrates of soy 7S or 11S globulin has minimal or no effects on plasma lipoprotein profiles and biomarkers of coronary risk in monkeys. Atherosclerosis. 2008 Jan;196(1):76-80. Epub 2007 Mar 9.

Appt SE, Törmälä R, Franke AA, Mikkola TS, Tikkanen MJ, Ylikorkala O, Clarkson TB. Soy-tibolone combination - effect on lipids in postmenopausal monkeys and women. Maturitas. 2008 Jul-Aug;60(3-4):216-22. Epub 2008 Aug 8.

Gratzke C, Christ GJ, Kaplan JR, Andersson K-E, Badlani G. Chronic soy and phytoestrogen treatment leads tosignificant functional and morphological changes in the urethra of female non-human primates [abstract]. Neurourol Urodyn 2008;27(2):106.

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Kavanagh K, Jones KL, Zhang L, Flynn DM, Shadoan MK, Wagner JD. High isoflavone soy diet increases insulin secretion without decreasing insulin sensitivity in premenopausal nonhuman primates. Nutr Res. 2008 Jun;28(6):368-76.

Messina MJ, Wood CE. Soy isoflavones, estrogen therapy, and breast cancer risk: analysis and commentary. Nutr J. 2008 Jun 3;7:17. Review.

Scott LM, Durant P, Leone-Kabler S, Wood CE, Register TC, Townsend A, Cline JM. Effects of prior oral contraceptive use an soy isoflavonoids on estrogen-metabolizing cytochrome P450 enzymes. J Steroid Biochem Mol Biol. 2008 Dec;112(4-5):179-85. Epub 2008 Oct 8

Scott LM, Xu X, Veenstra TD, Tooze JA, Wood CE, Register TC, Kock ND, Cline JM. Past oral contraceptive use and current dietary soy isoflavones influence estrogen metabolism in postmenopausal monkeys (Macaca facicularis).Cancer Epidemiol Biomarkers Prev. 2008 Oct;17(10):2594-602

Suparto IH, Williams JK, Fox JL, Yusuf JT, Sajuthi D. Effects of hormone therapy and dietary soy on myocardial ischemia/reperfusion injury in ovariectomized atherosclerotic monkeys. Menopause. 2008 Mar-Apr;15(2):256-63.

Törmälä R, Appt S, Clarkson TB, Groop PH, Rönnback M, Ylikorkala O, Mikkola TS. Equol production capability is associated with favorable vascular function in postmenopausal women using tibolone; no effect with soy supplementation. Atherosclerosis. 2008 May;198(1):174-8.

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Wagner JD, Zhang L, Shadoan MK, Kavanagh K, Chen H, Tresnasari K, Kaplan JR, Adams MR. Effects of soy protein and isoflavones on insulin resistance and adiponectin in male monkeys. Metabolism. 2008 Jul;57(7 Suppl 1):S24-31

Walker SE, Register TC, Appt SE, Adams MR, Clarkson TB, Chen H, Isom S, Franke AA, Kaplan JR. Plasma lipid-dependent and -independent effects of dietary soy protein and social status on atherogenesis in premenopausal monkeys: implications for postmenopausal atherosclerosis burden. Menopause. 2008 Sep-Oct;15(5):950-7

Walker SE, Adams MR, Franke AA, Register TC. Effects of dietary soy protein on iliac and carotid artery atherosclerosis and gene expression in male monkeys. Atherosclerosis. 2008 Jan;196(1):106-13. Epub 2007 Mar 23

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Vitamins (not including retinoic acid) (N=11)

Brunner RL, Cochrane B, Jackson RD, Larson J, Lewis C, Limacher M, Rosal M, Shumaker S, Wallace R. Calciium, vitamin D supplementation, and physical function in the Women's Health Initiative. J Am Diet Assoc 2008;108(9):1472-1479.

Engleman CD, Fingerlin TE, Langefeld CD, Hicks PJ, Rich SS, Wagenknecht LE, Bowden DW, Norris JM. Genetic and environmental determinants of 25-hydroxyvitamin D and 1,25-dihydroxyvitamin D levels in Hispanic and African Americans. J Clin Endocrinol Metab 2008;93(9):3381-3388.

Fu X, Wang W-D, Mernitz H, Wallin R, Shea MK, Booth. 9-Cis retinoic acid reduces 1 alpha,25-dihydroxycholecalciferol-induced renal calcification by altering vitamin K-dependent gamma-carboxylation of matrix gamma-carboxyglutamic acid protein in A/J male mice. J Nutr 2008;138(12):2337-2341.

Houston DK, Hausman DB, Johnson MA, Nicklas BJ, Miller ME, Marsh AP, Bartali B, Newman AB Blair SN, Kritchevsky SB. Vitamin D insufficiency is associated with poorer physical performance: the LIFE_P study [abstract]. J Am Geriatr Soc 2008;56(4 Suppl):S169.

Pettigrew LC, Bang H, Chambless LE, Howard VJ, Toole JF; Vitamin Intervention for Stroke Prevention Investigators. Assessment of pre- and post-methionine load homocysteine for prediction of recurrent stroke and coronary artery disease in the Vitamin Intervention for Stroke Prevention Trial. Atherosclerosis. 2008 Oct;200(2):345-9.

Sale MM, Furie KL, Hsu F-C, Mychaleckyj JC, Sides EG, Howard TC, Worrall BB, Liu Y, Coull BM, Toole JF, et al. Multiple variants in the transcobalamin 2 and systathionine beta-synthase genes are associated with homocysteine levels in subjects from the Vitamin Intervention for Stroke Prevention (VISP) trail. Stroke 2008;39(2):630.

Schwartz GG, Eads D, Naczki C, Northrup S, Chen T, Koumenis C. 19-nor-1 alpha,25-dihydroxyvitamin D2 (paricalcitol) inhibits the proliferation of human pancreatic cancer cells in vitro and in vivo. Cancer Biol Ther. 2008 Mar;7(3):430-6. Epub 2007 Dec 13.

Schwartz GG. Vitamin D and intervention trials in prostate cancer: from theory to therapy. Ann Epidemiol. 2009 Feb;19(2):96-102. Epub 2008 Jul 10

Soliman EZ, Shalash OA. Homocysteine, vitamins, and vascular disease prevention: more negative results [letter]. Am J Clin Nutr 2008;87(4):1069-1070.

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Minerals (N=6)

Chlebowski RT, Johnson KC, Kooperberg C, Pettinger M, Wactawski-Wende J, Rohan T, Rossouw J, Lane D, O'Sullivan MJ, Vitolins M, et al. Calcium plus vitamin D supplementation and the risk of breast cancer. J Natl Cancer Inst 2008;100(22):1581-1591.

McLaren CE, Gordeuk VR, Chen WP, Barton JC, Acton RT, Speechley M, Castro O, Adams PC, Snively BM, Harris EL, Reboussin DM, McLachlan GJ, Bean R; Hemochromatosis and Iron Overload Screening Study Research Investigators. Bivariate mixture modeling of transferrin saturation and serum ferritin concentration in Asians, African Americans, Hispanics, and whites in the Hemochromatosis and Iron Overload Screening (HEIRS) Study. Transl Res. 2008 Feb;151(2):97-109.

Skinner HG, Schwartz GG. A Prospective Study of Total and Ionized Serum Calcium and Fatal Prostate Cancer. Cancer Epidemiol Biomarkers Prev. 2009 Feb 3.

Rouse DJ, Hirtz DG, Thom E, Varner MW, Spong CY, Mercer BM, Iams JD, Wapner RJ, Sorokin Y, Alexander JM, Harper M, Thorp JM Jr, Ramin SM, Malone FD, Carpenter M, Miodovnik M, Moawad A, O'Sullivan MJ, Peaceman AM, Hankins GD, Langer O, Caritis SN, Roberts JM; Eunice Kennedy Shriver NICHD Maternal-Fetal Medicine Units Network. A randomized, controlled trial of magnesium sulfate for the prevention of cerebral palsy. N Engl J Med. 2008 Aug 28;359(9):895-905.

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