

IANA 2014

International Academy on Nutrition and Aging

Nutrition and Aging:
From Cells to
Body Systems and
Populations

July 10 & 11, 2014

Hotel Albuquerque at Old Town,
Albuquerque, New Mexico, USA

som.unm.edu/2014/IANA.html

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Presented by:



GARN
Global Aging
Research Network

Topics:

Nutrition and Age
Related Disease
Nutrition Function
and Aging
Nutrition and
Alzheimer's

**“International Academy on Nutrition and Aging (I.A.N.A.) Meeting,
Nutrition and Aging: From Cells to Body Systems and Populations”**

Nutrition plays an important role in sarcopenia, obesity, sarcopenic-obesity, and maintaining physical and cognitive function during aging. On July 10 - 11, 2014 the IANA (International Academy on Nutrition and Aging) will be hosted in Albuquerque, New Mexico, USA. The meeting will cover topics ranging from basic science cellular responses, to body systems, and population-based nutritional research. All topics have an overarching theme of preventing frailty and loss of function with advancing age. This research and practice symposium will be organized with the IAGG (the International Association of Gerontology and Geriatrics), the IANA, and the University of New Mexico, School of Medicine. Researchers from around the world will present new findings on these important topics. The proceedings will be published in the JFA (Journal of Frailty and Aging).

**Nutrition and Aging
(From Cells to Body Systems and Populations) and I.A.N.A / I.A.G.G. Symposium
Thursday, July 10, 2014**

8:00-9:30 am Continental Breakfast and Poster Session

9:30-10:00 am Welcome

B. Vellas (France), P. Garry (USA), C Herman (USA), D. Villareal (USA)
D Waters (New Zealand)

10:00 am-12:00 pm **Symposium on Diet and Exercise Intervention for Obese Older Adults:
Preventing Frailty**

Chair: Debra Waters (New Zealand)

- Impact of Diet-Induced Weight Loss and/or Exercise on Physical Function in Obese Older. *C. Bales (USA)*
- Social/Psychological and Quality of Life Implication of Lifestyle Interventions for
- Obesity in Older Adults. *J. Locher (USA)*
- Associations Between Cardiometabolic Disease Risk and Changes in Body
- Composition in Older Adults with Obesity. *J. Ard (USA)*
- Exercise Interventions to Attenuate Weight-Loss Induced Reduction of Bone Mineral Density in Obese Older Adults. *D. Villareal (Albuquerque, USA)*

12:00-1:00 pm Lunch and Poster Session

1:00-2:30 pm Oral Communications

- Overweight, Obesity and Mortality in a Large Prospective Cohort of Brazilian Elderly in Community-Dwelling: SABE Survey: Health, Wellbeing and Aging. *M. de Almeida Roediger (Brazil)*
- Impact of Dietary Protein Intake on the Metabolic Abnormalities in Korean Elderly: the Korea National Health and Nutrition Examination Survey (KNHANES) 2010-2011. *J.K. No (South Korea)*
- Dietary Intervention Can Change Food Choice in Older Adults with Subjective Memory Complaints. *B. Shatenstein (Canada)*
- Testosterone and High Adipokine Levels are Important Determinants of Physical Function, Endurance and Frailty Obese Elderly Patients. *L. Aguire (USA)*
- Knowledge, Attitudes and Beliefs of Health Professionals Regarding Artificial Nutrition and Hydration at the End of Life. *R. Heuberger (USA)*

2:30-3:30 pm Conferences

- Metabolic and Molecular Effects of Calorie Restriction. *L. Fontana (Italy)*
- Sex Hormones, Bioenergetics and Body Composition. *W. Kohrt (USA)*

3:30-4:00 pm Coffee Break and Poster Session

4:00-5.00 pm Late Breaking News

- Abstracts to be submitted for Late Breaking News

**Nutrition and Aging
(From Cells to Body Systems and Populations) and I.A.N.A / I.A.G.G. Symposium
Friday, July 11, 2014**

7:30-8:30 am Continental Breakfast and Poster Session

8:30-10:00 am Conferences

Moderator:

- Exercising your Mind and Brain. *A. Kramer (USA)*
- Multi-modal Therapies to Attenuate Aging: Targets and Complexities. *C. Leeuwenburgh (USA)*
- Protein Requirements for Optimal Health in Older Adults. *E. Volpi (USA)*

10:00-10:30 am Coffee Break and Poster Session

10:30-12:00 pm Oral Communications

- Safety and Efficacy of GHRP-2 in a Medical Food for Opposing Muscle Loss During Aging. *R.F. Walker (USA)*
- Nutrient Patterns and Brain Biomarkers of Alzheimer's Disease in Cognitively Normal Individuals. *L. Mosconi (USA)*
- Protein intake and Lower Extremity Physical Performance in older Adults: the Health ABC Study. *D. Houston (USA)*
- *Food Practice and Health in Later Life: a Canadian Perspective.* *L. Willa Liu (Canada)*
- "Leaving hospital": nutritional status of older adults transitioning to and out of hospital, a report of the Canadian Malnutrition Task Force. *H. Keller, H. Payette, J. Allard, K. Jeejeebhoy, D. Dureksen, P. Bernier, M. Laporte, L. Gramlich (Canada)*

12:00-1:00 pm Lunch and Poster Session

1:00-2:00 pm Oral Communications

- Amyloid Burden Markers in Aged Monkeys Relates to Higher Microbial Translocation Biomarker. *K. Kavanagh, J. Stehle, C.A. Shively, S. Craft, D.L. Feinstein (USA)*
- Nutraceuticals in Fight against Cancer: Anti-Viral and Anti-Tumor Effects of a Novel Curcumin-Based Pharmaceutical Formulation. *A. Szerszen (USA)*
- Mid-Life Vascular Risk Factors Associated with Late-Life Hippocampal Volume 20 years Later in Sabre (Southall and Brent Revisited): a Prospective, Multi-Ethnic Population-Based Study. *R. Stewart (United Kingdom)*
- “Modified Mediterranean Diet”, Melatonin, CoQ10 and Carnitine Reduce the IRR of AD in Patients Bedside-Evaluated with Quantum Biophysical Semeiotics. *M. Marchionni, S. Caramel, S. Stagnaro (Italy)*

2:00-3:00 pm Conferences

- Which Anthropometric Measurements Best Describe Frailty. *Wm.C. Chumlea (USA)*
- Nutritional Disorders and Nursing Home Residents. *J. Morley (USA)*

3:00-4:30 pm Late Breaking News

- Abstracts to be submitted for Late Breaking News

POSTERS :***Preclinical studies***

- Aging Reduces Intestinal Motility and Increases Microbial Translocation Without Microbiome Changes. *K. Kavanagh, A.T. Wylie, T.J. Hamp, R.Z. Gharaibeh, R. Barner, A.A. Fodor (USA)*
- Morphological and Functional Changes in the Rat Hippocampus During Aging Under Combined Exposure to Stress. *A.V. Smirnov, I.N. Tyurenkov, V.V. Yermilov, M.V. Schmidt, M.R. Ekova, E.V. Volotova, D.V. Kurkin, D.A. Bakulin (Russia)*
- Developing Elderly Anthropometric Chair (BMI meter) Based on Arm Span, Knee Height, and Sitting Height. *F. Hutasuhut (Indonesia)*
- Function of Glehnia and Ophiopogon Decoction (Shahen Maidog Decoction) on UVB-Induced Skin Damage in ICR Mice. *H.Y. Shen, B. Jiang, L. Wang (China, Japan)*

Nutrition in nursing home

- Obesity and Nursing Home Admission After Stroke in Older Women in the WHI. *C. Bell, J. Kubo, M. Desai, K. Masaki, S. Wassertheil-Smoller, M. Stefanick, A. LaCroix (USA)*
- A Reassessment Protocol for Tube-Fed Nursing Home Patients. *C. Bell, R. Palan Lopez, N. Mahendra, B. Tamura, S. Ahsan, K. Masaki, E. Amella (USA)*

Posters, continued:**Nutrition screening**

- Nutritional Status of older People in Sichuan Province, China. *H. Pu, B. Dong (China)*
- Efficacy of the Mini-Nutritional Assessment and the MNA Short Form in Identifying Frailty in Elderly. *V.E. Closs, L.S. Rosemberg, B.G. Ettrich, R.D. Rosa, R. Deon, T.P. Galdino, I. Gomes, C.H.A. Schwanke (Brasil)*
- Pre Admission Nutrition Screening of Geriatric Patients Undergoing Total Joint Revision. *A. Herrington, (USA)*
- Malnutrition and Associated Factors in Rural Elderly Population of Iran. *M. Moeini, M. Moeini, Z. Vafaei, H. Mokhtari (Iran)*
- Evaluation of Macro-Nutrients Intake Against “Dietary Reference Intake (DRI)” for Older Chinese People: a Preliminary Analysis of Data from the China Health and Nutrition Survey. *X. Xu, J. Byles, J. Hall (Australia)*
- There is Association Between Nutritional Status and Living Arrangement in a Cohort of Brazilian Elderly People in Community-Dwelling? *L. Ortolani dos Santos, M.F. Nunes Marucci, M. de Almeida Roediger, C. Sebba de Souza Moura, Y. Aparecida de Oliveira Duarte, M.L. Lebrao (Brasil)*
- Incidence and Predict of Diabetes Mellitus in Cohort of Brazilian Elderly – SABE Survey: Health, Wellbeing and Aging. *M. de Almeida Roediger (Brazil)*
- Predictors of 10-year Mortality in a Population of Community-Dwelling Brazilian Elderly: SABE Survey: Health, Wellbeing and Aging. *M. de Almeida Roediger (Brazil)*

Nutrition and Alzheimer

- Ketogenic Therapy in Alzheimer’s Disease: Potential Mechanism for Failure in APOE4+ Patients. *P. Pangle, D. Shonebarger, M. Perkins, J. Valla (USA)*
- Nutrient intake and Cognitive Function in older Adults: Omega-3 Fatty Acids and Prefrontal Executive Function. *M. Zamroziewicz, M. Polavarapu, E.J. Paul, R. Rubin, A.S. Keck, G.L. Bowman, A.K. Barbey (USA)*

Nutrition intervention

- Efficacy of an Absorption Enhanced Vitamin D₃ Supplement for an Aging Population. *W.A. Clark, R.C. Hamdy, P.E. Brown Jr, C.C. Collins, RM. Mohseni, B.H. Owens, J.L. Smith (USA)*
- Effect of Flavor Enhancers on the Nutritional Status of Older Persons. *E.N. Bautista, C.C. Tanchoco, M.G. Tajan, E.V.J. Magtibay (Philippines)*
- Nutritional Education as Important Element of Osteoporosis Prevention Among Youth. *K. Topolska, E. Cieslik, A. Kosciel (Poland)*

Posters, continued:***Nutrition and aging***

- Effect of Weight Loss, Exercise, or Both on Cognition and Quality of Life in Obese Adults. *N. Napoli, K. Shah, D.L. Waters, D.R. Sinacore, C. Qualls, D.T. Villareal (Italy, New Zealand, USA)*
- Serum 25(OH)D Levels Increase with Age: Data from a Representative Population Living in Macau, China. *L. Kel, J. Ho, R.M. Mason, A. Bauman, J. Feng, Y. Li, W. Lau, K. Brock (Sydney, Australia; Macau, China)*
- Human Photosynthesis and Aging. *A. Solis Herrera (Mexico)*
- Lower Hemoglobin Level Associated with Fractures: Elderly Nutrition and Health Survey in Taiwan 1999. *J.T. Gau, M. Nakazawa (USA)*
- Low Calcium Level Associated with Higher Fracture Risk of Hospitalized Adults: a Case-Control Study. *O. Perez, R. Chen, M. Nakazawa, J.T. Gau (USA)*
- The Bioelectrical Impedance is Accurate Method for Identify Body Composition in the Brazilian Elderly People? *M.L. do Nascimento, M.F. Nunes Marucci, M. de Almeida Roediger, J.M. Pacheco de Sousa (Brasil)*
- Prediction of Incident Diabetes Mellitus Using Anthropometrics Indicators in a Cohort of Brazilian Elderly: SABE Survey: Health Wellbeing and Aging. *M.F. Nunes Marucci, M. de Almeida Roediger, C. Sebba de Souza Moura, L. Ortolani dos Santos, Y. Aparecida de Oliveira Duarte, M.L. Lebrão (Brasil)*
- Senile Local Eye Amyloidosis Risk Factor for Age-Related Macular Degeneration. *V.V. Ermilov, A.A. Nesterova (Russia)*
- High Risk of Type 2 Diabetes in Birth Cohort Periconceptionally Exposed to Ukraine Famine of 1933: Impact on Epigenetics? *A. Vaiserman (Ukraine)*
- Analysis Heart Function and Nutritional Status in Elderly Hospitalized Patients with Acute Diseases. *Y. Wang, Q. Liu, Q. Liu, Lu Gao, M.-Z. Qing (China)*
- Nutritional Problems in Indian Elderly – a Study. *I.S. Gambhir (India)*
- Effect of Different Culinary Treatment on Nutrition Value and Antioxidant Status *Asparagus officinalis* L. Spears. *E. Cieslik, A. Siembida (Poland)*
- Healthy Eating Index, Cognitive Function and Gender Differences in Older Adults. *M. Polavarapu, M. Zamroziewicz, E.J. Paul, R. Rubin, A. Keck, G. Bowman, A.K. Barbey (USA)*
- Effect of Intestinal Microbiota on Lymphoma and Longevity in Atm Deficient Mice. *R. Schiestl (USA)*

Hotel Accommodations

This conference will be held at the Hotel Albuquerque at Old Town. A block of rooms has been reserved for participants for the nights of July 8 - 11, 2014. Special rates are available to you if you make your room reservations by **Tuesday, June 17, 2014**. In order to receive these special rates, please mention that you are a participant in the **IANA 2014, International Academy on Nutrition and Aging or Block Code 14078THINT** . Rates will not be changed at check-in or check-out time for attendees who fail to identify their affiliation with this meeting at the time the reservation is requested. Reservations are held if you guarantee by deposit or a credit card number and expiration date. Check-in time is 3:00 pm and check-out time is 12:00 pm.

TO MAKE ROOM RESERVATIONS, PARTICIPANTS SHOULD CONTACT THE HOTEL DIRECTLY AT:

Hotel Albuquerque at Old Town
 800 Rio Grande Blvd, NW, Albuquerque, NM 87104
 (505) 843-6300 or 1-800-237-2133 ♦ Website: <http://www.hotelabq.com>
Reservation Office hours are:
 Mon-Fri 7am-8pm; Sat 9am-5:30pm; Sun 10am-6pm

\$119.00 single or double.

The hotel maintains a twenty-four hour (24 hour) cancellation policy for individual guest room reservations.

Content Questions

For questions regarding content, contact the Course Directors:

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Accreditation

Physicians

The University of New Mexico School of Medicine, Continuing Medical Education & Professional Development is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The Office of Continuing Medical Education designates this live activity for a maximum of 12.5 *AMA PRA Category 1 Credit(s)*TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses

This activity has been submitted to the New Mexico Nurses Association Accredited Approver Unit for approval to award contact hours. NMNA AAU is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.



Registration Information

Your registration fee includes conference materials and daily continental breakfasts. The luncheons and dinners are an additional “optional” charge. Minimum and maximum numbers have been established for this conference; therefore, your pre-registration will be confirmed by e-mail. Please present your confirmation letter at the registration desk. A copy of the purchase order must accompany the registration. Any registrations faxed without a Visa or MasterCard number, or a copy of the purchase order cannot be processed. The Office of CME does not maintain a petty cash fund. Cash payments must be made in the exact amount. It is UNM policy to charge the offerer \$15.00 plus normal merchant bank fees for each returned check.

UNM Tuition Remission

All eligible UNM Faculty and Staff may enroll using a tuition remission (waiver) to cover tuition costs listed on the registration form. Properly completed, tuition remissions must accompany the registration form. Proper completion includes all required signatures. No refund or credit will be issued for non-attendance. The on-line UNM Tuition Remission Form may be accessed at: <http://hr.unm.edu/docs/benefits/tuition-remission.pdf>

Attire

Since meeting room temperatures and personal comfort levels vary, it is recommended that you bring a sweater or jacket to the educational activities.



Objectives

At the conclusion of this conference, the participant should be able to:

- Recognize the impact of weight loss and exercise on physical function and bone;
- Appreciate the psychosocial aspects of lifestyle intervention
- Discuss the effect of sex hormones on body composition and metabolism;
- Appreciate the molecular and cellular effects of caloric restriction;
- Describe nutritional disorders in nursing home residents;
- Know the protein requirements for older adults;
- Appreciate how to use anthropometric measures to assess frailty; and
- Recognize the relationship between nutrition, exercise and cognition.

Cancellation

If you pre-register and cannot attend, the Office of Continuing Medical Education and Professional Development will refund tuition, less a \$40.00 administrative fee, provided it is received in writing on or before **June 26, 2014**. No refunds will be issued after this date or for non-attendance. Conferences are subject to cancellation. In the event this conference is cancelled, the Office of CME is not responsible for any airfare, hotel or other costs incurred by participants.

How to Attend

- On-line at: <http://som.unm.edu/cme>
- Fax your registration 24 hours/day to (505) 272-8604.
- Call (505) 272-3942 between 8:00 am and 5:00 pm M.S.T.
- Mail your registration to: University of New Mexico Continuing Medical Education & Professional Development, MSC09 5370, 1 University of New Mexico, Albuquerque, NM 87131-0001.

Participants requiring special accommodations should contact the Office of Continuing Medical Education and Professional Development as soon as possible. UNM is in compliance with the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990.

REGISTRATION FORM

IANA 2014 (International Academy on Nutrition and Aging)
July 10 & 11, 2014 ♦ Hotel Albuquerque at Old Town ♦ Albuquerque, NM, USA

Title (please circle): Mr. Mrs. Ms.

First Name: _____ Last Name: _____

Degree (please circle): MD DO RN PA Other: _____

Street Address: _____

City: _____ State/Province: _____ Zip: _____

Country: _____

Email: _____

Daytime Phone: _____ Fax: _____

PLEASE PRINT CAREFULLY. THE ABOVE INFORMATION WILL BE USED FOR YOUR NAMETAG.

Register Online at: <http://som.unm.edu/cme>

	“Early Bird” Registration (Postmarked on or before 6/19/14)	Regular Registration (Postmarked after 6/19/14)
MD, DO, PhD, RN, PA, Other.....	\$385.00.....	\$490.00
Paying with a UNM Tuition Remission	\$375.00.....	\$480.00
Medical Students*.....	\$180.00.....	\$260.00

- Full time students may attend the seminar; however, CME Credit is not provided to students. Please include a copy of your student ID, along with your registration form.

OPTIONAL: (____ Veggie / ____ Meat)

Yes, I will be attending the Luncheon on Thursday, July 10, 2014 - **\$32.00 additional fee**

Yes, I will be attending the Dinner on Thursday, July 10, 2014 - **\$46.00 additional fee**

Yes, I will be attending the Luncheon on Friday, July 11, 2014 - **\$32.00 additional fee**

METHOD OF PAYMENT: ___ CHECK ___ MASTERCARD ___ VISA ___ UNM TUITION REMISSION FORM

INSTITUTIONAL PURCHASE ORDER # _____

Account No: _____

Expiration Date: _____ Last 3 numbers of code on the back of card _____

Cardholder's Signature: _____

The Office of Continuing Medical Education and Professional Development does not maintain a petty cash fund. Cash payments must be made in the exact amount of tuition. Make check payable to the UNM Office of CME. Please mail to The University of New Mexico, Office of CME, MSC09 5370, 1 University of New Mexico, Albuquerque, New Mexico, 87131-0001. Telephone registrations (505) 272-3942 and fax (505) 272-8604 registrations will be accepted with Visa and MasterCard. Institutional Purchase Orders must be faxed along with a copy of the registration form. Tuition Remission Forms must be forwarded along with a copy of the registration form.

Totals	Registration Amount: _____
	Luncheons @ \$32.00 _____
	Dinner @ \$46.00 _____
	Total Payment, enclosed: _____