SYMPOSIUM UPDATE
Sustaining Health in a Changing Environment: Creating a Resilient Future
NWRC symposium planning update

Newly added speakers: Marc Cohen (Oxfam America, Washington), Casey Hoy (Ohio State University, Ohio), Shahla Shapouri (ERS-USDA, Washington, DC), Marianne Smith Edge (IFIC, Washington, DC), Craig Gunderson (University of Illinois, Urbana), Ray Arritt (Iowa State University)

Confirmed ISU speakers: James Roth (Center for Food Security and Public Health, and College of Veterinary Medicine), Lori Abendroth (USDA-NIFA funded Cropping Systems Coordinated Agricultural Project), and Robert Mazur (Sociology)

SYMPOSIUM REGISTRATION INFORMATION

<table>
<thead>
<tr>
<th>Registration Rates</th>
<th>Early Reduced on or before March 16, 2012</th>
<th>Regular or On-Site on or after March 17, 2012</th>
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</thead>
<tbody>
<tr>
<td>Student*</td>
<td>$50</td>
<td>$50</td>
</tr>
<tr>
<td>ISU Staff or Faculty</td>
<td>$100</td>
<td>$120</td>
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<tr>
<td>Other</td>
<td>$150</td>
<td>$200</td>
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<tr>
<td>One-day Admission</td>
<td>$100</td>
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*Students must provide valid and current identification when collecting program materials.

The registration fee includes the following: a reception Wednesday evening; Thursday breakfast, lunch, and evening reception; Friday breakfast and lunch; all refreshment breaks on Wednesday, Thursday and Friday; and one copy of conference materials.

Requests for registration refunds will be honored if a written cancellation is received on or before Friday, May 4, 2012. $20 processing fee will be deducted from all refunds. Sorry, no refunds will be honored after Friday, May 4, 2012.

KeyNote Speaker: Michael Hamm, the C. S. Mott Professor of Sustainable Agriculture at Michigan State University and visiting 2011-12 Dean Helen LeBaron Hilton Chair for the College of Human Sciences at Iowa State University (ISU).

Confirmed non-ISU speakers include: John Ingram (Oxford University, UK), Joan Rose (Michigan State University), Alice Ammerman (University of North Carolina, Chapel Hill), Nancy Creamer (North Carolina State University), Kathleen Miller (National Center for Atmospheric Research, Boulder), Brenda Ranum (Winnebago County Extension Office, IA), and Ann Mansfield (Luther College, IA).

NWRC STAFF HIRE
Firth Whitehouse, PhD
Manager of Industry Research & Relations

Firth Whitehouse has been a food industry professional for more than 15 years. For nine years, she worked in Foodservice and Retail Product Development, and in Quality and Regulatory Operations at General Mills in Minneapolis, MN. Firth spent five years working with for Cargill Texturizing Solutions in Minnetonka, MN as a hydrocolloids application specialist. Most recently, she worked for Caremoli USA as their Global Food Applications and Marketing Manager. Firth holds a BS in Food Science from Rutgers University, an MS in Food Science and Technology from Virginia Tech, and a PhD in Food Science and Human Nutrition from Iowa State University. In addition, she is a certified Candy Technologist. She is a Professional Member of IFT, AACC, AACT and the PMCA. Firth is a course instructor with the Center for Professional Advancement’s Gums and Hydrocolloids course, and lectures regularly at PMCA Short Courses. She has been an invited speaker at the IFT and the PMCA Annual Meetings.

Firth will represent the NWRC and act as a liaison to facilitate the development of industry-sponsored research contracts and engagement partnerships to be carried out through the NWRC.

Firth K. Whitehouse, PhD
E-mail: firthw@iastate.edu
Ph: 515-294-8822

SYMPOSIUM INFORMATION
http://nwrc.iastate.edu/symposium/

REGISTER TODAY

to be eligible for early-reduced registration rates

Details about speakers, abstract submission and posters, accommodations and sponsors available at the website

Each monthly Newsletter will highlight Symposium Speakers, See Page 2,3 for this issue’s highlighted speakers
James Roth is a Clarence Hartley Covault Distinguished Professor in the Department of Veterinary Microbiology and Preventive Medicine in the College of Veterinary Medicine at Iowa State University. He is also an Adjunct Professor in the Department of Epidemiology in the College of Public Health at the University of Iowa. He is the Director of the Center for Food Security and Public Health and the Institute for International Cooperation in Animal Biologics. Dr. Roth’s primary area of research expertise is immunity to infectious diseases of food producing animals, emphasizing evaluation of T cell mediated immunity. He led the development of a course on Emerging and Exotic Diseases of Animals which is used by students at all of the US Colleges of Veterinary Medicine, and has been translated into Spanish for use in Latin America. He has authored or co-authored over 150 publications in refereed journals. Dr. Roth has contributed 33 chapters to monographs, and has edited 12 monographs and one textbook. He has served as the major or co-major professor for 49 MS and PhD students. Dr. Roth received the Distinguished Veterinary Immunologist Award from the American Association of Veterinary Immunologists, the Distinguished Veterinary Microbiologist Award from the American College of Veterinary Microbiologists, and the Public Service Award from the American Veterinary Medical Association.

Dr. Roth is currently leading projects to increase national and international preparedness for accidental or intentional introduction of diseases which threaten food security or public health. He has testified before Congress on biosecurity preparedness and efforts to address bioterrorism and agroterrorism. Dr. Roth currently serves on the National Science Advisory Board for Biosecurity and two National Academies of Science committees related to exotic diseases and animal research. Dr. Roth received PhD (1981) and MS (1979) degrees in veterinary microbiology from Iowa State University, and DVM (1975) also from Iowa State University. He is a Diplomate in the American College of Veterinary Microbiologists. Dr. Roth is also President of Transboundary Animal Biologics, Inc. a not-for-profit corporation with a mission to enhance the availability of veterinary vaccines and diagnostic tests for foreign animal diseases.

Dr. James Roth
Distinguished Professor
Director, Center for Food Security and Public Health
College of Veterinary Medicine
Iowa State University, Ames, IA


Joan Rose serves as the Homer Nowlin Chair in Water Research at Michigan State University, the Co-Director of the Center for Advancing Microbial Risk Assessment (CAMRA) and Co-Director of the Center for Water Sciences (CWS). She served on the US National Assessment for Climate Change for the Health Sector. Dr. Rose won the Clarke Water Prize in 2001 (one of 5 international awards for contributions to water science and technology) and in 2008 Dr. Rose won the first Hei-jin Woo Award for Achievements of Women in the Water Profession, from Intern. Water Assoc. (IWA). She was inducted into the National Academy of Engineering in 2011.

Dr. Rose is an international expert in water microbiology, water quality and public health safety publishing more than 300 manuscripts. She has been involved in the investigation of numerous waterborne outbreaks world-wide. Her work addresses the use of new molecular tools for surveying and mapping water pollution for recreational and drinking water; assessment of innovative water treatment technology for the developed and developing world and use of quantitative microbial risk assessment.

As the Co-Director of the Center for Advancing Microbial Risk Assessment (CAMRA, Dept of Homeland Security and EPA sponsored 10 million dollar center; http://camra.msu.edu/) she links water quality data to quantitative microbial risk assessment to improve policy choices. She also serves as the Co-Director of the Center for Water Sciences (CWS http://cws.msu.edu/) to bring an improved understanding of aquatic health via interdisciplinary work. The Water Fellows Program as part of the CWS brings stakeholders around key science issues to improve policies in Michigan and has addressed pathogens and climate impacts (http://cws.msu.edu/waterfellows.htm ). Her work addresses emerging pathogens for recreational and drinking waters to assess the role of climate. (http://www.fw.msu.edu/~rosejo) and examine adaptation. She was one of the first to demonstrate the link between precipitation and waterborne disease, which has lead to policies for preventing outbreaks. She has been engaged in addressing coastal restoration and protection to maintain economic vital tourism.

Dr. Joan Rose
Homer Nowlin Chair in Water Research
Department of Fisheries and Wildlife
Michigan State University, East Lansing, MI

**Session: Food Insecurity (National)**

Together, We Grow Healthy Kids

**Ms. Brenda Ranum**  
Northeast Iowa Food and Fitness, Co-convener; ISU Extension and Outreach, Regional Extension Education Director  
Winneshiek County Extension Office, Decorah, IA  
Details: 3.20 - 4.00 PM, Thursday, May 17.

Brenda Ranum is a Regional Extension Education Director, providing Extension programming leadership in six Northeast Iowa counties. Brenda has worked with Iowa State University Extension for over 20 years, first as a youth development specialist, then as a county director and now as a regional director. Brenda received her B.S. and M.S. from Iowa State University in Child Development.

For the past 6 years, Brenda has served as a co-convener and project coordinator for the NE Iowa Food and Fitness Initiative. The Initiative is one of 9 Food & Fitness collaboratives funded by the W.K. Kellogg Foundation – to create healthier communities where children and their families have access to local healthy food and safe places to be physically active and play. The NE Iowa FFI is the only rural model. The NE Iowa Food & Fitness Initiative is focused on policy, system and environmental changes in 20 school districts, local communities and food systems, and to improve the health and well-being of youth and their families. In addition to the investment of the W.K. Kellogg Foundation, there are 3 Core Partners committed to sustaining the work long-term: ISU Extension and Outreach, Luther College and Upper Explorerland Regional Planning Commission.

Brenda resides in Decorah, Iowa with her husband, David and youngest daughter, Rylea. They have two older daughters, Kelsey and Hannah, both in college.

**Session: Sustainable Food Systems**

Governance Challenges for Sustainable Marine Fisheries in a Changing Climate: A Game Theoretic Perspective

**Dr. Kathleen Miller**  
Scientist III  
Climate Science & Applications Program  
Research Applications Lab  
National Center for Atmospheric Research, Boulder, CO  
Details: 9:30 - 10:10 AM, Friday, May 18.

Kathleen Miller is an economist working at the National Center for Atmospheric Research, in the Climate Science and Applications Program. She conducts research on climate impacts, vulnerability and adaptation. Her work focuses especially on natural resource management and adaptation planning under uncertainty, and on modeling interactions between human strategic behavior and dynamic natural systems. She collaborates with scientists from other disciplines to understand how natural resource systems will respond to the combined impacts of climate variability, direct human exploitation, other anthropogenic stressors and management actions. She is the author of numerous papers on the management of water, fisheries and other natural resources in the context of climate variability and prospective climate change.

Dr. Miller has played an active role in coordinating multidisciplinary research on climate variability and marine fishery management by serving as a Working Group co-chair and member of the Scientific Steering Committee of the international CLIOTOP (Climate Impacts on Oceanic Top Predators) Project. She works on the governance of internationally-shared marine fishery resources.

Dr. Miller’s other recent work has focused on water resource planning in the context of the potential impacts of global climate change. Her work includes serving as a lead author of the IPCC Technical Paper on Climate Change and Water, and Chapter 3, “Freshwater Resources and their Management” in the IPCC Working Group II, Fourth Assessment Report. Other publications include: Climate Change and Water Resources: A Primer for Municipal Water Providers (Awwa Research Foundation, 2006).

She received a Ph.D. in economics from the University of Washington in 1985.
Impact of Exercise on Flu Vaccine Resistance in Adults

A research team led by Dr. Kohut are studying the link between exercise and flu shots and the impact on immunity.

Marian Kohut, an ISU professor of kinesiology; Justus Hallam, an ISU kinesiology Ph.D. student; and Molly Slattery, a senior kinesiology undergraduate from Calmus, Iowa, are working with subjects age 62 and older to test whether exercise will boost their bodies’ immune responses following flu shots.

An earlier study of 16 college students found that subjects who rode a stationary bicycle for 90 minutes shortly after receiving their H1N1 flu vaccine had nearly doubled the antibody response to the vaccine as compared to subjects who had remained sedentary for the same 90-minute period.

Kohut now plans to test some 50 older subjects in the coming weeks as they receive their flu shots.

“Young adults generally have a good immune response to the vaccine and therefore, improving immunity through exercise may not be such a critical issue,” Kohut said. “But in older adults who don’t respond as well to immunizations, boosting immunity through exercise might be very important in terms of protection from infection.”

Also studying obese adults

Kohut says that in the process of gathering data from the older subjects, the researchers also plan to study the immune response in obese adults. Previous work in the Kohut lab found that obese individuals have a poorer immune response to the flu vaccine. “And so the question is, can we ‘rescue’ their immune response through exercise?” she asked.

Research on human subjects is the ISU team’s follow-up to an earlier study they conducted on mice infected with the flu virus. It found that mice that regularly ran on a treadmill during a three-and-a-half month period developed less severe symptoms from the flu virus than those that were not subjected to exercise, and had less influenza virus in their lungs.

The researchers plan to replicate their earlier pilot study in the older subjects, but will require only 45 minutes of exercise in half of the subjects (compared to 90 minutes to the college-aged subjects). The other half will be asked to remain sedentary. Kohut hopes this study may provide older adults evidence of a relatively easy way to boost their protection from the flu.

“In older adults, it’s hard to give you an exact percentage of flu vaccine efficacy because it varies by year [and strain of seasonal flu], but the range is somewhere between 30 to 70 percent efficacy [from flu vaccinations]. And in younger adults, it’s about 65 to 90 percent,” she said. “So if flu vaccine efficacy is only 30 percent in a particular year, just getting the vaccine may not be enough to completely protect older adults from infection. If this [one-time exercise] is a simple way to double antibody response, it could really provide greater protection from infection.”

The value of long-term exercise

The ISU team also previously looked at long-term exercise and found that with moderate exercise – three times a week for a year – there was also a better antibody response. But Kohut says the exercise effect was more pronounced six months after immunization.

“The peak antibody response wasn’t that much higher in exercised individuals, but antibody response did not decline as rapidly in exercising adults,” she said. “So, if there was a flu outbreak in April, and you received your flu shot in early October or late September, those who exercised might be better protected at that point than those who didn’t.”

“But since getting people to exercise regularly is such a struggle, going for a walk or doing modest exercise after your flu shot – just once – might be a more effective measure to boost protection,” Kohut continued.

Kohut says the results will also be included as preliminary data for a grant proposal they’ll be submitting to the National Institutes of Health to conduct a larger, multi-site study.

Why consider becoming an NWRC Affiliate

Our goal at the Nutrition and Wellness Research Center is to strengthen the depth and breadth of research by supporting partnerships and collaborations in areas that relate to health, disease and wellness. The Center is committed to assisting and supporting researchers from across ISU in developing their research programs. To facilitate these efforts the NWRC is in the process of establishing an NWRC Research Affiliate database.

The benefits of being an NWRC Affiliate are listed below.

An NWRC Affiliate

- is Eligible to apply for NWRC incentive grant funds;
- is Eligible to use NWRC services including budget development, compliance documentation development, and grant submission at no cost;
- is Eligible to reserve space and use NWRC labs, cubicles and equipment;
- is Eligible to serve on the Operations, Internal Steering or Symposium Committees;
- May request NWRC help in creating a grant team and/or locating experts, collaborators or consultants;
- May consult with the NWRC to aid in targeted pursuit of industry support for research;
- May be contacted about in participating NWRC sponsored events, meetings and related news and events.
- May be contacted to be a consultant or investigator for research projects, techniques and methodology initiated by industry; and
- Will be informed about NWRC sponsored events, meetings and related news and events.

To become an NWRC affiliate, ISU faculty and staff should complete the NWRC affiliates survey. The survey can be found at the NWRC Homepage OR http://www.surveymonkey.com/s/NWRCaffiliatesurvey
Research Update

Diane Birt is currently Distinguished Professor for the Department of Food Science and Human Nutrition and Director for the Center for Research on Botanical Dietary Botanical Supplements at Iowa State University.

Dr. Birt’s research interests are in assessing the molecular mechanisms for the prevention of colon cancer by dietary plant constituents such as novel starches resistant to digestive processes. Studies with starches resistant to digestion are testing the hypothesis that such starches reach the large intestine where they alter the microbial flora and these changes provide a less inflammatory condition that drives the cellular processes in the gut epithelium toward a less proliferative balance. Other studies are identifying the compounds in the botanical supplement *Echinacea* that contribute to anti-inflammatory bioactivity and to enhance this activity while reducing toxicity, mechanisms of action of bioactive constituents, and the effects of interactions among constituents. Assessing the cellular signaling pathways and gene expression profiles of key constituents in *Echinacea*. The hypotheses being tested are that anti-inflammatory constituents of *Echinacea* interact in increasing anti-inflammatory cytokines and suppressing pro-inflammatory mediators.

Funded Projects

**Dr. James Hollis**
The effect of starch on appetite  
**Sponsor:** Tate & Lyle  
**Amount:** $83,140

**Dr. Michael Spurlock**
Somatostatin Vaccine Efficacy study  
**Sponsor:** BAA Sch Biotech  
**Amount:** $77,520

**Dr. Greg Welk**
Physical Activity to Modify Sequelae and QOL in Childhood ALL: A Nursing Trial  
**Sponsor:** St. Jude’s Children’s Research Hospital  
**Amount:** $16,744

**Dr. Joanne Lasrado**
The effect of novel fibers on glucose response  
**Sponsor:** Tate & Lyle  
**Amount:** $4,922

Grant Calls and Deadlines

The NWRC provides grant submission support and is available to assist with any grant submission.  
Contact: Deborah Moses; e-mail: dmoses@iastate.edu; Ph: 294-0570

**Community Action Grants**

- **Sponsor:** Gannett Foundation  
  **Cos ID:** 29715  
  **Submission:** February 16, 2012  
  **Link:** http://www.gannettfoundation.org/GUIDELINES.htm

**Grants**

- **Sponsor:** Porter Foundation, Irwin Andrew  
  **Cos ID:** 110237  
  **Submission:** March 31, 2012  
  **(Full Proposal)**  
  **Link:** http://www.iapfoundation.org/?q=apply/guidelines

**Healthy Communities Grant Program**

- **Sponsor:** Wellmark Foundation  
  **Cos ID:** 85668  
  **Submission:** April 12, 2012 (LOI)  
  **Link:** http://www.wellmark.com/foundation/apply/eligibility.htm

**Grants**

- **Sponsor:** Nationwide Foundation  
  **Cos ID:** 3133  
  **Submission:** September 1, 2012  
  **Link:** http://www.nationwide.com/about-us/where-we-fund.jsp

**Grants - Iowa**

- **Sponsor:** Wells Fargo Foundation  
  **Cos ID:** 73017  
  **Submission:** Continuous  
  **Link:** https://www.wellsfargo.com/about/charitable/io_guidelines.html

**Grants**

- **Sponsor:** Pamida Foundation  
  **Cos ID:** 110866  
  **Submission:** Continuous  
  **Link:** http://www.pamida.com/foundation/foundation.asp

**Innovations for Health Competition**

- **Sponsor:** Ashoka Changemakers & the Robert Wood Johnson Foundation  
  **Submission:** February 13, 2012  
  **Link:** http://www.changemakers.com/innovations4health

**NIH DHHS R01**

- **FOA:** PA-12-061  
  **Maternal Nutrition and Pre-pregnancy Obesity: Effects on Mothers, Infants and Children**  
  **FOA Purpose** This Funding Opportunity Announcement (FOA) issued by the National Institute of Nursing Research encourages R01 applications to improve health outcomes for women, infants and children, by stimulating interdisciplinary research focused on maternal nutrition and pre-pregnancy obesity. Maternal health significantly impacts not only the mother but also the intrauterine environment, and subsequently fetal development and the health of the newborn.

NWRC Newsletter | 5
**Volunteers Needed for Muscle Study HMB & Vitamin D**

We are looking for:
Healthy Women & Men
At least 60 yrs of age

Who are willing to:
Do exercise 3-day/wk, 1 hr
Consume supplement
Provide blood & urine samples

Study Period: 12 weeks
Compensation= $100/-

If you would like to participate, please contact
Hector Angus at muscle@iastate.edu

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**Inviting Study Participants**

Dr. Lorraine Lanningham-Foster, FSHN
Reducing Diabetes In Pregnancy: A Starting Point For Preventing Obesity For Americans Blossom Project: Moms 2 Move

Dr. Joanne Lasrado, NWRC
Effect of Novel Fibers on Glucose Response

Dr. Rick Sharp, Kin
Nutritional Intervention for Age-Related Muscular Function and Strength Losses

**Muscle Study HMB & Vitamin D**

Participation criteria:
Healthy women and men; at least 60 years; willing to exercise 3 days per week for 1 hr; willing to consume a nutritional supplement, willing to provide blood and urine samples.

Dr. Greg Welk, NWRC
Evaluation of TrekDesk Mobile Workstation

Contact: Joanne Lasrado-Hollis, PhD lasrado@iastate.edu for Human Subjects Protection Help (IRB, Study Design, Recruitment, Logistics)
The Healthiest State Initiative is a community and business-led, government-endorsed statewide effort that will engage citizens throughout the state to improve their overall health and well-being. Iowa’s 2010 overall Well-Being Index rank is 19th compared to all other states. While Iowa scores well in many areas, there is a significant opportunity for improvement in healthy behavior and work environment. The goal is to become number one in five years.

Ames has selected in the first round to submit an application. NWRC Affiliate Dr. Suzanne Hendrich and NWRC Director Dr. Greg Welk, are members of the Power 9 Advisory Board that is helping to move the project forward. The Ames project is based on a strong potential to engage ISU students in meaningful and sustainable community service work aimed at promoting healthy lifestyles. Mary Savage, the Community Outreach Coordinator, helps to oversee an NWRC community outreach group called the Community Campus Partnership for Health. This group will be actively working to help move forward with some of the planned Blue Zone efforts. A key goal is to encourage faculty, staff and students to “pledge” for the Ames project. Text “BZP” to 772937 to cast your pledge for Ames using your Ames zip code.

To learn about Blue Zones Project™ visit
http://www.bluezonesproject.com/
http://www.iowahealthieststate.com/blue-zones

Ames has moved one step closer to becoming a Blue Zones Community. To vote for Ames in Blue Zone Community campaign visit
http://www.bluezonesproject.com/citizens/
Grant Preparation & Submission
Proposal Development
Identify Collaborators, Consultants, Physicians
Compliance Documentation (IRB, IACUC)
Peer Review of Grant Application
Budget Preparation

Research Services
Training
Human Subjects Protection
Clinical Project Management
Participant Recruitment
Data Collection
Blood Collection & Processing
Testing & Assessments
  Anthropometry
  Body Composition
  Exercise Testing
  Metabolic Testing
  Diet Assessment
  Physical Activity
Chemical Analyses
  HPLC
  Ultracentrifuge
Survey Development

The NWRC has highly-trained staff who provide training to students and others on conducting assays, body composition assessment techniques and chemical analyses. The Center staff also coordinate and manage basic and clinical research projects.

Industry Research and Relations
-- Dr. Firth Whitehouse
Grant Proposal Development, Human Subjects Protection Services and Human Research Contact
-- Dr. Joanne Lasrado-Hollis
Grant Proposal Development, and Animal Care and Use Compliance and Animal Research Contact
-- Dr. Jennifer Walker-Daniels
Project Management and Safety Officer
-- Jeanne W. Stewart, MS
Project Management and Phlebotomy
-- Hector Angus, MS
Survey Development or Community Outreach
-- Mary Huddleston, BS, CHES
Budget Preparation & Grant Submission
-- Deborah J. Moses, BS

Quick Facts about NWRC Facilities and Infrastructure

Facilities and equipment are available to collect data on diet, metabolic risk factors, body composition and physical fitness.

The NWRC also has a two convenient locations which allow for ease of participant recruitment. The locations are in Human Nutrition Science Building (HNSB) for recruitment of participants from campus and at Research Park (RP) in Ames, Iowa, offering easy access from I-35/U.S. Highway 30 and ample free parking for study participants and visitors.

NWRC-RP facilities include an exercise area with private locker room and shower facilities provides convenient space for controlled exercise studies (equipment includes a two treadmills and three cycle ergometers).

Individual testing rooms are available for a variety of clinical measurements, such as, assessing resting and exercise-related energy expenditure, bone densitometry via dual-energy x-ray absorptiometry (DXA) and body composition assessment via the BOD POD and PEA POD, bioelectrical impedance analysis (BIA), anthropometry and for collecting blood and other clinical data.

The NWRC-RP also has a fully equipped metabolic kitchen, with a professional oven, a professional blender, mixers (6Qt, 20Qt), microwave ovens, dishwashers, refrigerator/freezer, walk-in pantry, walk-in cold room and freezer, ice machine, and food-grade hood. Adjacent dining rooms provide capacity to serve meals for up to 40 people at a time. Additional private rooms are available for counseling/interviewing, and have computers equipped with software for dietary intake analysis.

The NWRC has 2 conference rooms equipped with computers and projectors for the purpose of hosting meetings, seminars and presentations for 40-60 individuals at a time. Collectively, the NWRC includes about 15,000 square feet.
NWRC Committees

Operations Committee
Chair: Gregory Welk, PhD
Staff Administrator: Jeanne Stewart, MS
Hector Angus, MS
Joanne Lasrado, PhD
Deborah Moses, BS
Mary Savage, BS, CHES
Firth Whitehouse, PhD
Donald Beitz, PhD (Charles F. Curtiss Distinguished Professor of Agriculture)
Matthew Ellinwood, PhD (Associate Professor, Animal Science)
Warren Franke, PhD (Professor, Kinesiology)
Randal Foster, MS (Assistant Scientist, Food Science and Human Nutrition)
James Hollis, PhD (Assistant Professor, Food Science and Human Nutrition)
Manju Reddy, PhD (Associate Professor, Food Science and Human Nutrition)
Kevin Schalinske, PhD (Professor, Food Science and Human Nutrition)
Michael Spurlock, PhD (Virginia M. Gladney Professor of Nutritional Science)
Amy Welch, PhD (Assistant Professor, Kinesiology)

Internal Steering Committee
Chair: Gregory Welk, PhD
Staff Administrator: Joanne Lasrado, PhD
Michael Spurlock, PhD
Douglas Bonett, PhD (Professor, Statistics and Psychology)
Helen Jensen, PhD (Professor, Economics)
Suzanne Hendrich, PhD (University Professor, Food Science and Human Nutrition)
Douglas Gentile, PhD (Associate Professor, Psychology)
Marian Kohut, PhD (Associate Professor, Kinesiology)
Ruth MacDonald, PhD (Professor, Food Science and Human Nutrition)
Peter Martin, PhD (Professor, Human Development & Family Studies)
Rick Sharp, PhD (Professor, Kinesiology)
Richard Spoth, PhD (Scientist, Partnerships in Prevention Science Institute)

External Advisory Board
Chair: Michael Spurlock, PhD
Staff Administrator: Joanne Lasrado, PhD
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Sharon Donovan (University of Illinois Urbana-Champaign)
Brent Flickinger (ADM)
Linda Funk (Soyfoods Council)
Alissa Jourdan (Kemin)
Stuart Reeves (Embria Health)
Lisa Spence (Nutrition Consultant)

Symposium
Joanne Lasrado, PhD
Michael Spurlock, PhD
Gregory Welk, PhD
Suzanne Hendrich, PhD (University Professor, Food Science and Human Nutrition)
Ruth Litchfield, PhD (Associate Professor, Food Science and Human Nutrition)
Michael Hamm, PhD (2011-2012 Dean Helen Lebaron Hilton Chair)