Minutes of
Nutritional Sciences Council Meeting

December 15, 2010 in 305 Kildee Hall

Members in attendance: Pat Murphy, Suzanne Hendrich, Matt Rowling, Wendy White, John Patience, Christina Campbell, Lorraine Lanningham-Foster, Yang Zhou, Kevin Schalinske, Lance Baumgard, Josh Selsby, Nick Gabler, Helen Jensen, Jeanne Stewart, Manju Reddy, Stephanie Hansen, Diane Birt, and Don Beitz.


A. Cash Balances:
   - Burroughs Lectureship Fund $-767.72
   - Griffith Research Excellence Award $723.47
   - Martin Life Science Fund $3,717.81

B. Endowment Balances:
   - Burroughs Lectureship Fund $96,608.64
   - Griffith Research Excellence Award $6,713.35
   - Martin Life Science Fund $187,216.97

Borlaug Lecture Report: Helen Jensen coordinated the Ninth Norman E. Borlaug Lecture at Iowa State University on Monday evening, October 11 in the Sun Room of the Memorial Union. She coordinated the previous eight Lectures as well. Helen reported that a before-lecture dinner was hosted by President Geoffroy at The Knoll with the World Food Prize Laureates Jo Luck of Heifer International and David Beckman of Bread for the World, Ken Quinn, President of the World Food Prize Foundation, and several leaders on our campus. Jeanne Stewart has coordinated making the nice crystal sculptures with internally ‘lasered’ Cornhusker of Christian Peterson that is given by President Geoffroy to each Laureate after the Lecture. Don Beitz, as master of ceremonies for the Lecture, presented the Poster Competition winners to the audience as they received congratulations from the Laureates and President Geoffroy.

Poster Competition at the Borlaug Lecture: Pat Murphy has coordinated a poster competition among undergraduate and graduate students at all nine Borlaug Lectures sponsored by the Nutritional Sciences Council. Results for the 2010 competition are stated below.

The undergraduate winners were:

1st place: team of Taylor, Katherine & Stammer, Andrew, both Agronomy majors
Windbreaks and Living Fences at Namasagali Primary School. Katherine Taylor, Andrew Stammer, Nangobi Peninah, Tusiime Sharon, Ikendi Samuel Drs. Tom Brumm, Donald R. Kugonze, Dorothy Masinde, Gail Nonnecke, and Richard Schultz

2nd place: team of Lundy, Sean, Global Resources Systems & Hunter, Jacob, Ag & LS Education

Sanitation Education for Increased Health of Primary School Children in Uganda. Ellen Franzenburg, Jacob Hunter, Martha Ibore, Sean Lundy, Amber Seitz, Sharon Tusiime, Muhammed Walugembe, Dr. Tom Brumm, Dr. Donald Kugonza, Dr. Dorothy Masinde, Dr. Gail Nonnecke, and Dr. Richard Schultz

3rd place: Franzenburg, Ellen Ag Engineering

Integrating rainfall measurement into the school garden curriculum at Namasagali Primary School, Uganda. Ellen Franzenburg, Sean Lundy, Katie Taylor, Samuel Ikendi, Silver Tumwa

The graduate student winners were:

1st place Malik, Roshan, Rural Sociology

Five Propositions of Global Food Insecurity, Governance, and Human Development: A Case Study of Pakistan’s Governance and Food Security Nexus

2nd place: Ampaire, Agatha, Animal Science

Improving nutrition and income of rural farmers in Kamuli, Uganda through training and facilitation in animal production. A Ampaire and M F Rothschild

3rd place: Mutambuka, Martin, Food Science & Technology

Validation of ferritin assay protocol for screening high iron bioavailability Phaseolus vulgaris varieties Mutambuka M, Murphy PA, Hendrich S, Reddy MB

Modern Views of Nutrition: Suzanne Hendrich and her committee coordinated the following schedule of Modern Views of Nutrition seminars with the theme of Pre- and Probiotics—Frontiers for Human and Animal Nutrition and Food Science.

<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker</th>
<th>Topic</th>
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<tbody>
<tr>
<td>9/22</td>
<td>Suzanne Hendrich, ISU</td>
<td>Pre- and probiotics and gastrointestinal health</td>
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<tr>
<td>9/29</td>
<td>Diane Birt, ISU</td>
<td>Resistant starches and colon carcinogenesis</td>
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<td>10/6</td>
<td>Stephanie Clark, ISU</td>
<td>The food science of probiotics</td>
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<tr>
<td>10/13</td>
<td>Liz Gardner, Michigan State University</td>
<td>Prebiotics and immune function</td>
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10/20  Bob Hutkins, University of Nebraska,  Galactooligosaccharides and Bifidobacteria  
Lincoln

12/1  George Fahey, University of Illinois  Pre- and probiotics in livestock and companion animals

The Committee of Suzanne Hendrich (chair), Jim Hollis, Stephanie Hansen, and John Patience will investigate the format for the 2011 Modern View of Nutrition seminars. Should the seminars be ‘housed’ within the Department of Food Science and Nutrition fall seminar program? Should the program be set up as a stand along course where students register for R credit? If interested, please volunteer to join the current Committee for development of the future program.

**Interdepartmental Graduate Program in Nutritional Sciences:** Kevin Schalinske, chair/DOGE for the Program, presented the following comments about the ongoing IGPNS:

1. Course requirements are being developed for the Animal Nutrition, Human Nutrition, and Molecular Nutrition specializations within the Nutritional Sciences major.

2. The IGPNS faculty will be listed on the IGPNS web site by specializations.

3. Everyone needs to update their web sites and to send their refereed publications during the last year to Marilyn Cox in 220 McKay Hall (mcox@iastate.edu).

4. The Program received Miller Fellowships and funds from the Graduate College for graduate student support for 2011-12.

**David R. Griffith Research Award:** Watch for announcements from chair Lance Baumgard regarding submission of nominations of outstanding students for this Award. Last year, Don Beitz and Ruth McDonald assisted Lance with this activity. The 2011 Award will be presented during the 2011 Summer Lectureship.

**W.S. Martin Grants Program:** Watch for announcements for submission of proposals for W.S. Martin research funds. Don Beitz will establish a committee to coordinate the program for Spring 2011. Interested in serving on the committee for this activity?

**Election of New Members:** Don Beitz proposed Michael Persia, assistant professor of poultry nutrition, for membership in the Council, and Wendy White proposed her post-doctoral associate, Yang Zhou, for membership. Both were approved unanimously.

**Historian:** Don Beitz has been serving as the historian for the Council. The history is not up to date at this time. Anyone wish to assist with this activity?

**Dateline North of ASN Notes:** Darlene Berryman of Ohio University is editor for Dateline North. Don Beitz has been transferring appropriate information about ASN members on campus to the editor for publication in the ASN Notes. Continue providing your news to him.
ISU Receptions at Professional Meetings: These receptions have been organized:

1. American Society of Nutrition—7 pm on Monday, April 11, 2011

Mark your calendars and attend to greet friends and alumni of ISU and each other at these receptions.

Summer Lectureship (NUTRS 505): Dr. Patricia B. Hoyer of the Department of Physiology at the University of Arizona will be the lecturer. Title of the course will be Molecular Endocrinology. Students will receive 1 credit for participation. Lectureship will be held from 10 am to noon each day during the week of June 20 in 1204 Kildee Hall (Ensminger Room). Financial support for the Lectureship will be from the Burroughs Lectureship Fund (50%) and the ISU Biotechnology (50%).

Nutritional Sciences Council Website: Please correspond with Julie Roberts in 201 Kildee Hall (jrober@iastate.edu) as you have information to add to the Council’s website.

Advances in Nutrition: Congratulations to Suzanne Hendrich for her paper on probiotics in the inaugural issue of Advances in Nutrition of the American Society of Nutrition.

Next scheduled meeting of the Council: 4:10 pm on May 4, 2011 in 305 Kildee Hall.

Minutes were prepared by Don Beitz.