BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. DO NOT EXCEED FOUR PAGES.

NAME
Melissa Hansen-Petrik

POSITION TITLE
Clinical Assistant Professor of Nutrition

EDUCATION/TRAINING
(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)

<table>
<thead>
<tr>
<th>INSTITUTION AND LOCATION</th>
<th>DEGREE</th>
<th>YEAR(s)</th>
<th>FIELD OF STUDY</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Dakota State University, Brookings, SD</td>
<td>BS</td>
<td>1985-1990</td>
<td>Dietetics (minors: chemistry, journalism, business)</td>
</tr>
<tr>
<td>University Hospitals of Cleveland, Cleveland, OH</td>
<td></td>
<td>1990-1991</td>
<td>Dietetics (internship)</td>
</tr>
<tr>
<td>Case Western Reserve University, Cleveland, OH</td>
<td>MS</td>
<td>1990-1992</td>
<td>Nutrition</td>
</tr>
<tr>
<td>The University of Tennessee</td>
<td>PhD</td>
<td>1996-2001</td>
<td>Nutrition</td>
</tr>
</tbody>
</table>

NOTE: The Biographical Sketch may not exceed four pages. Items A and B (together) may not exceed two of the four-page limit. Follow the formats and instructions on the attached sample.

A. Positions and Honors.

Positions and Employment
1992-1996 Clinical Nutritionist, New Hanover Regional Medical Center, Wilmington, NC
1995-1996 Adjunct Instructor, School of Nursing, University of North Carolina-Wilmington, Wilmington, NC
1996-2001 Graduate Research Assistant/Graduate Teaching Associate, Department of Nutrition, The University of Tennessee, Knoxville, TN
2001-2005 Lecturer, Department of Nutrition, The University of Tennessee, Knoxville, TN
2005-2009 Research Assistant Professor, The University of Tennessee, Knoxville, TN
2009-present Clinical Assistant Professor, The University of Tennessee, Knoxville, TN

Other Experience and Professional Memberships
1988-Present Member, American Dietetic Association
1994-1996 Clinical Practicum Site Coordinator for UNC-Chapel Hill MPH students, New Hanover Regional Medical Center, Wilmington, NC
1995-1996 President-Elect, Coastal Carolina Dietetic Association
1997-present Knoxville District Dietetic Association: Legislative Liaison, Career Guidance Chair, Nominating Committee Chair
2002-Present Director, Didactic Program in Dietetics, The University of Tennessee, Knoxville
2005-Present Member, American Society for Nutrition
2009-Present Member, Society for Nutrition Education

Honors
1991 American Dietetic Association Foundation scholarship sponsored by CBORD Group, Inc.
2000 Graduate Student Research Award, American Society for Nutritional Sciences, Sponsored by Proctor & Gamble, Experimental Biology 2000
2000 Chancellor’s Citation for Extraordinary Professional Promise, The University of Tennessee, Knoxville
2000 Citation for Outstanding Research by a Graduate Student, College of Human Ecology, The University of Tennessee, Knoxville
2006 Outstanding Dietetic Educator, Knoxville District Dietetic Association
2008 William Franklin Harris Undergraduate Research Award at the UT Exhibition of Undergraduate Research and Creative Achievement (Role: Mentor; Student: Abagale Reddy)
B. Selected peer-reviewed publications (in chronological order).

**Manuscripts**

1. **Hansen Petrik MB**, McEntee MF, Chiu CH, Whelan J. Antagonism of arachidonic acid is linked to the antitumorigenic effect of dietary eicosapentaenoic acid in Apc\textsuperscript{Min/+} mice. *J Nutr.* 2000; 130: 1153-1158.

2. **Hansen Petrik MB**, McEntee MF, Johnson BT, Obukowicz MG, Whelan J. Highly unsaturated (n-3) fatty acids, but not α-linolenic, conjugated linoleic or γ-linolenic acid, reduce tumorigenesis in Apc\textsuperscript{Min/+} mice. *J Nutr.* 2000; 130: 2434-2443.


**Book Chapters**


**Select Abstracts**

**Hansen Petrik M**, McEntee MF, Chiu CH, Whelan J. Dietary arachidonic acid eliminates the anti-tumor effect of eicosapentaenoic acid in Min/+ mice. 6\textsuperscript{th} Annual Research Conference, American Institute for Cancer Research, Washington, DC, September 1998.


Irwin KJ, Miller CA, Hansen-Petrik MB. The ketogenic diet as a treatment for seizures associated with Angelman Syndrome. The International Symposium on Dietary Therapies for Epilepsy and Other Neurological Disorders, Phoenix, AZ, April 2008.


C. Research Support.

**Completed Research Support**

<table>
<thead>
<tr>
<th>Award</th>
<th>Start Date</th>
<th>End Date</th>
<th>Institution</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mary Helen Byers Award</td>
<td>5/1/08</td>
<td>4/30/09</td>
<td>The College of Education, Health, and Human Sciences, The University of Tennessee</td>
<td>Role of the preschool environment in shaping healthy eating habits. This study was designed to develop and refine methodology to assess environmental variables in the preschool setting which may impact preferences for healthy food choices. Role: PI</td>
</tr>
<tr>
<td>Mary Helen Byers Award</td>
<td>5/1/07</td>
<td>4/30/08</td>
<td>The College of Education, Health, and Human Sciences, The University of Tennessee</td>
<td>Mechanisms of ketogenic diet efficacy in the treatment of epilepsy. This project was designed to support efforts to determine mechanisms of ketogenic diet efficacy in a mouse model. Role: PI</td>
</tr>
<tr>
<td>Gemple Research Award</td>
<td>7/1/05</td>
<td>6/30/07</td>
<td>American Dietetic Association Foundation</td>
<td>Microarray analysis of gene expression profiles in epileptic mouse brain following treatment with a ketogenic diet. This study was designed to determine mechanisms by which the ketogenic diet reduces or eliminates epileptic seizures by examining gene expression profiles in brains of epileptic mice. Role: PI</td>
</tr>
<tr>
<td>Mary Helen Byers and Nancy Belck Awards</td>
<td>5/15/06</td>
<td>8/15/06</td>
<td>The College of Education, Health, and Human Sciences, The University of Tennessee</td>
<td>The effect of play food on real food preferences in the childcare setting. This study was designed to assess the impact of play fruits and vegetables on fruit and vegetable intake in the childcare setting. It was conducted in conjunction with The University of Tennessee Early Learning Center for Research and Practice with support from Small World Toys, Culver City, CA. Role: PI</td>
</tr>
<tr>
<td>Epilepsy Foundation of East Tennessee</td>
<td>1/04-12/05</td>
<td></td>
<td>The ketogenic diet as treatment for intractable epilepsy in children. This study was designed to assess the effectiveness of ketogenic diet implementation and role of beta-hydroxybutyrate in control of seizures among children with intractable epilepsy. Role: Faculty Advisor</td>
<td></td>
</tr>
</tbody>
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