

CURRICULUM VITAE
University of Alabama at Birmingham
School of Medicine Faculty

Date: October 28, 2013

PERSONAL INFORMATION

Name: **Valerie Eubanks Tarn, MS, RD, LD**
Citizenship: **U.S.A.**

RANK/TITLE: **Instructor and Nutrition Faculty Member**
Pediatric Pulmonary Center
Department of Pediatrics

Business Address: Pediatric Pulmonary Center (PPC)
Department of Pediatrics
University of Alabama at Birmingham (UAB)
1600 7th Avenue South, Lowder Building 620
Birmingham, AL 35233
Phone: 205-638-7104

HOSPITAL AND OTHER (NON ACADEMIC) APPOINTMENTS:
PROFESSIONAL CONSULTANTSHIPS:

Pediatric Nutrition Coordinator, Cystic Fibrosis Center, UAB and Children's of Alabama

Children's of Alabama – practicing privileges as a Registered Dietitian and Dept. of Pediatrics
Faculty member

EDUCATION:

<u>Institution</u>	<u>Degree</u>	<u>Year</u>
University of Alabama at Birmingham	MS, Clinical Nutrition	1994
University of Alabama at Birmingham	Civitan International Research Center Traineeship	1993
University of Alabama at Birmingham	Pediatric Pulmonary Traineeship	1993
Emory University	Dietetic Internship Program	1992
University of Montevallo	BS, Dietetics	1991

LICENSURE: Alabama Board of Examiners for Dietetics/Nutrition Practice, #792 (1993)

BOARD CERTIFICATION: Commission on Dietetic Registration, #R800350 (1993)

ACADEMIC APPOINTMENTS: (In reverse chronological order)

<u>Year</u>	<u>Rank/Title</u>	<u>Institution</u>
7/13-present	Instructor Department of Pediatrics School of Medicine	UAB

7/13-present	Instructor (secondary appointment) Division of Clinical Nutrition Department of Nutrition Sciences	UAB
4/13 - present	Nutrition Faculty Pulmonary Division Department of Pediatrics	UAB
1994-1999	Adjunct Clinical Instructor Department of Nutrition Sciences	UAB

AWARDS/HONORS:

1997	Recognized Young Dietitian of the Year Alabama Dietetic Association
1996	Recognized Young Dietitian of the Year Birmingham District Dietetic Association

PROFESSIONAL SOCIETIES:

The Academy of Nutrition and Dietetics

Pediatric Nutrition Practice Group, The Academy of Nutrition and Dietetics

Nutrition Mentor, 2013 to present
Legislative Chair, 2002-2004
Area 3 Coordinator, 1999-2001
Subspecialty Unit Chair, 1996-1998

Alabama Dietetic Association, Inc.

Birmingham District Dietetic Association

Welcoming Committee, 2011-2012
Nominating Committee, 1997-1998
Public Relations Chair, 1994-1996
Yearbook and Welcoming, 1993-1994

COUNCILS AND COMMITTEES

Marketing and Advocacy, **Pediatric Pulmonary Centers**, 2013 - present

Member, Planning Committee, **Making Lifelong Connections for MCH Trainees**, sponsored by Maternal Child Health Bureau, 2013 - present

Planning Committee, **Pediatric/Adolescent Nutrition Grant**, sponsored by Maternal Child Health Bureau, 2013 - present

Member, Cystic Fibrosis Workgroup, **Quality Improvement Leader for Nutrition**, 2013 - present

Member, **Alabama Maternal Child Health Leadership Network**, 2013 - present
Facilitator at Minority Student Reception June 2013

Member, **Children's of Alabama/UAB Pediatric Research Task Force**, 2012- 2013
Planning Committee for Research Symposium "Adolescence" *October 2012*

Member, Patient Advocacy and Ethics Committee, **Cystic Fibrosis Therapeutic Development Network**, 2006-2007

Member, Protocol Review Committee, **Cystic Fibrosis Therapeutic Development Network**, 2005-2006

UNIVERSITY ACTIVITIES:

UAB MCH Collaborative Network: The 4 long-term interdisciplinary training programs funded by the Maternal and Child Health Bureau (MCHB) at UAB formed a network for the purposes of sharing resources and planning collaborative projects for faculty and trainees.

Dietetic Internship and Nutrition Graduate Program, Department of Nutrition Sciences:

Preceptor for UAB Dietetic Interns on and off Campus.

MAJOR RESEARCH INTERESTS: (2-3 Sentences)

My major research interests are in the areas of nutrition assessment and nutrition management of pediatric pulmonary diseases, primarily cystic fibrosis. I am particularly interested in appetite stimulants, vitamin D, and working with other CF centers on quality improvement.

TEACHING EXPERIENCE:

Didactic Teaching:

- Pediatric Pulmonary Center didactic class (NTR 685 – *Pediatric Pulmonary Care: An Interdisciplinary Approach*)
- UAB Dietetic Internship classes on pediatric nutrition and pediatric pulmonary nutrition

Clinical Teaching:

- Pediatric Pulmonary Center interdisciplinary trainees
- Pediatric Pulmonary Center nutrition trainee (NTR 696 – Clinical Practicum: Nutrition Support of Pediatric Pulmonary Patients)
- UAB Dietetic Interns
- Alabama Department of Education Dietetic Interns

MAJOR LECTURES AND VISITING PROFESSORSHIPS: NA

GRANT SUPPORT: (PAST AND CURRENT)

Pediatric Pulmonary Center

Nutrition Faculty Member

Funded through the Maternal and Child Health Bureau, Department of Health and Human Services
\$364,178 for 2012-2013 - 75% effort

Cystic Fibrosis Center – UAB and Children's of Alabama

Pediatric Nutrition Coordinator

Funded through the Cystic Fibrosis Foundation
\$124,470 for 2012-2013 - 25% effort

Cystic Fibrosis Therapeutic Development Network

Clinical Trials Administrator

Funded through the Cystic Fibrosis Foundation
\$140,400 for 2012 - 20% effort

\$133,828.61 for 2011 -18% effort

\$ 635, 725 from 2002-2008 – 45% effort

UAB CF Research and Translation Core
Cystic Fibrosis Research Center
Clinical Trials Administrator
3 % effort from 2007-2008

BIBLIOGRAPHY:

MANUSCRIPTS:

Manuscripts already published

Hentschel-Franks, K., Lozano, D., **Tarn V.**, Cobb, B., Fan, L., Oster, R., Sorscher, E., Clancy JP. Activation of Airway Cl-Secretion in Human Subjects by Adenosine. *Am. J. Respir. Cell Mol. Biol.* 31:140-146, 2004.

Eubanks V, Koppersmith N, Wooldridge N, et al. Effects of megestrol acetate on weight gain, body composition, and pulmonary function in patients with cystic fibrosis. *J Pediatr* 140: 439-444, 2002.

Other Publications (letters to the author, book reviews, etc.)

Tarn VE, Marcus M: Nutrition Management of Cystic Fibrosis. In *Nutrition Focus for Children with Special Health Care Needs*. Vol. 28, # 3: University of WA. May/June 2013

Published abstracts

Jones, M., **Tarn, V.**, Wooldridge, N., Britton, L., Oster, R: Potential Risk Factors For Low BMI in Late Adolescent Patients With Cystic Fibrosis. *Pediatric Pulmonology*, Supplement 36: (Abstract 548), Annual North American Cystic Fibrosis Conference, Salt Lake City, Utah, 2013

Hathorne, H., Reeves, G., Tidwell, S., Roberts, T., **Tarn, V.**, Britton, L: Initiation of Equip-CR Within the Clinical Research Team. *Pediatric Pulmonology*, Supplement 36: (Abstract 488), Annual North American Cystic Fibrosis Conference, Salt Lake City, Utah, 2013

Hathorne H., Britton L.J., Reeves G.A., Sabbatini, G.M., **Tarn, V.E.** Initiation of quality improvement within the Clinical Research Team. *Pediatric Pulmonology*, Supplement 34: (Abstract 441), Annual North American Cystic Fibrosis Conference, Anaheim, Ca. 2011

Lozano D.J., Hentschel-Franks, **Eubanks, V.**, Fortenberry, J., Sorscher E., Clancy JP. Comparison of Adenosine and Isoproterenol to Activate CFTR-dependent Cl- Secretion in Normal and CF human subjects. *Pediatric Pulmonology*, Supplement 25: (Abstract 191) Annual North American Cystic Fibrosis Conference, 2003

Franks K., **Eubanks, V.**, Sorcher EJ, Clancy JP. Adenosine Compared with Isoproterenol to Activate Cl- Secretion in Human Nasal Potential Difference Protocols. *Pediatric Pulmonology*, Supplement 22: (Abstract 119) Annual North American Cystic Fibrosis Conference, 2001

Eubanks, V., Koppersmith N., Wooldridge N., Clancy JP., Sorscher EJ, Arani R., Atchison J., Makris, CM. Effects of megestrol Acetate on Energy Intake, Weight Gain, Body Composition, and Resting Energy Expenditure in Cystic Fibrosis Patients. *Pediatric Pulmonology*, Supplement 20: (Abstract 518) Annual North American Cystic Fibrosis Conference, 2000

Eubanks V, Wooldridge N, Clancy JP, Sorscher EJ, Lyrene RK and Makris CM: Megestrol Acetate (Megace) effects on weight in CF subjects exhibiting growth failure: a case – control study. *Pediatric Pulmonology*, Supplement 17:360 (Abstract 542), 12th Annual North American Cystic Fibrosis Conference, Montreal, Quebec, Canada, 1998

Poster Exhibits

Jones, M., **Tarn, V.**, Wooldridge, N., Britton, L., Oster, R: Potential Risk Factors For Low BMI in Late Adolescent Patients With Cystic Fibrosis. Poster Session, 27th Annual North American Cystic Fibrosis Conference, Salt Lake City, Utah, October 17, 2013

Hathorne, H., Reeves, G., Tidwell, S., Roberts, T., **Tarn, V.**, Britton, L: Initiation of Equip-CR Within the Clinical Research Team. Poster Session, 27th Annual North American Cystic Fibrosis Conference, Salt Lake City, Utah, October 17, 2013

Eubanks V, Wooldridge NH, Clancy JP, Sorscher EJ, Lyrene RK and Makris CM: Megastrol Acetate (Megace) effects on weight in CF subjects exhibiting growth failure: a case-control study. GI/Nutrition/Endocrine Poster Session, 12th Annual North American Cystic Fibrosis Conference, Montreal, Quebec, Canada, October 16, 1998

Oral Presentations

Invited workshops, etc. at national postgraduate courses and meetings and at other universities

November 2000: Baltimore, MD “Megestrol Acetate & Its Effect on Nutritional Status” **14th Annual North American Cystic Fibrosis Conference**

October 1999: Seattle, Washington “Appetite Stimulants and Their Effects on Nutritional Status” **13th Annual North American Cystic Fibrosis Conference**

February 1995, February 1996, February 1997; February 1998, February 1999, February 2000:
Birmingham, AL “Nutrition Management of Bronchopulmonary Dysplasia” Intensive Course in Nutrition for Infants, Children and Adolescents, **MCHB-funded course sponsored by Department of Pediatrics, UAB***

*The Intensive Course in Nutrition for Infants, Children and Adolescents is funded by the Maternal and Child Health Bureau (MCHB) through a Leadership Development in Pediatric Nutrition grant. According to MCHB, It is considered to be a “Special Project of Regional and National Significance (SPRANS)”. Although held in Birmingham, AL, this course attracts a national and international audience.

Invited lectures at local and regional courses and meetings

Regional Courses and Meetings

State and Local Courses and Meetings

April 2012: Birmingham, AL “Research Update” Cystic Fibrosis Education Day Panel Discussion, **UAB/CHS CF Center**

2000: Birmingham, AL “Megestrol Acetate Therapy for Growth Failure in Cystic Fibrosis: A Controlled Double Blinded Study”, **UAB Child Health Investigative Forum**

MISCELLANEOUS:

CLINICAL RESEARCH COORDINATOR EXPERIENCE
INDUSTRY SPONSORED TRIALS

2011-2013

Baby Observational and Nutritional Study (BONUS-IP-11)

A Long-Term Prospective Observational Safety Study of the Incidence of and Risk Factors for Fibrosing Colonopathy in US Patients with Cystic Fibrosis Treated with Pancreatic Enzyme Replacement Therapy: A Harmonized Protocol Across Sponsors CF-FC-OB-11

A Randomized, Double-Blind, Placebo-Controlled Study of Liposomal Amikacin for Inhalation (Arikace) in Patients with Recalcitrant Nontuberculous Mycobacterial Lung Disease (TR02-112) Insmmed Incorporated

A Phase 4, Open-Label, Prospective Study in Patients with Pompe Disease to Evaluate the Efficacy and Safety of Alglucosidase Alfa Produced at the 4000 L Scale (AGLU09411) Genzyme

Bronchoalveolar Lavage Fluid (BALF) Specimen Bank and Lower Airway Microbiome Analysis in Children and Adults With and Without Cystic Fibrosis

Protocol STAR-too-10K0: An Evaluation of the Efficacy and Safety of Early Treatment of New Onset MRSA (STAR-too-Staph Aureus Resistance-Treat or Observe)

A Three Week Dose Escalation, Randomized, Double-Blind, Placebo-Controlled Trial, to Assess the Safety and Tolerability of 100mg or 200mg of Inhaled Alpha-1 HC, Once a Day in Subjects with Cystic Fibrosis, Grifols

CLINICAL RESEARCH COORDINATOR EXPERIENCE INDUSTRY SPONSORED TRIALS

2000-2008

The EPIC Observational Study: Longitudinal Assessment of Risk Factors For and Impact of Pseudomonas aeruginosa Acquisition and Early Anti-Pseudomonas Treatment in Children with Cystic Fibrosis

The EPIC Clinical Study: Effectiveness and Safety of Intermittent Antimicrobial Therapy for the Treatment of New Onset Pseudomonas aeruginosa (Pa) Airway Infection in Young Patients with Cystic Fibrosis

Lead Research Coordinator for South East Region

A Phase 3, Open-Label, Follow-on Study of Multiple Courses of Aztreonam Lysinate for Inhalation (AI) in Cystic Fibrosis Patients (AIR-CF3), Corus

A Multi-Center, DoubleBlind Placebo Controlled Randomized Efficacy and Safety Study of Denufosol Tetrasodium Inhalation Solution in Patients with Mild CF Lung Disease, Inspire

A Randomized, Double-Blind, Placebo-Controlled Two Treatment, Crossover Study to Evaluate the Safety and Efficacy of Eurand Pancreatic Enzyme Product (PEP) in Patients with CF Exocrine Pancreatic Insufficiency, Eurand

A Phase 3, Double-Blind, Multicenter, Multinational, Randomized, Placebo-Controlled Trial Evaluating Aztreonam Lysinate for Inhalation in CF Patients with Pulmonary P. aeruginosa (AIR-CF1), Corus

Genetic Modifiers of CF Lung Disease

Genetic Modifiers of CF Liver Disease

Regulation of CFTR by Adenosine, A2 Receptors, and PLA2, NIH

Measurement of Nasal Potential Difference in Patients With and Without CF

Long-Term Safety and Efficacy of Azithromycin in CF: Observational Study of AZ0001 Participants

Assessment of Induced Sputum as a Tool to Evaluate Anti-Inflammatory Agents in Patients with CF

A Phase 2, Randomized, Double-Blind, Parallel Dose Ranging Study of Oral TheraCLEC-Total in CF Subjects with Exocrine Pancreatic Insufficiency, Altus Biologics

Valerie E. Tarn, MS, RD, Curriculum Vitae 11/7/2013

A Multicenter, Double-Blind, Placebo-Controlled, Phase II Study of Aerosolized tgAAVCF for the Treatment of CF, Targeted Genetics

A Phase 2 Study of PTC124 as an Oral Treatment for Nonsense-Mutation-Mediated CF, PTC Therapeutics

CLINICAL RESEARCH COORDINATOR EXPERIENCE INVESTIGATOR INITIATED TRIALS

Vitamin D for Enhancing the Immune System in Cystic Fibrosis (DISC Study)

Longitudinal Evaluation of TGF-B1 as a Biomarker in Cystic Fibrosis Lung Disease

Implications of Cross-Protease Dysregulation in Cystic Fibrosis: A Randomized, Placebo Controlled Pilot of Doxycycline to Reduce Sputum MMP-9 Activity in Adlut CF Patients Hospitalized for Pulmonary Exacerbations (Implications of Cross-Protease Dysregulation in Cystic Fibrosis)

Centralized ICM Testing and Comparison of Suction and Forceps-Based Biopsy Performance (ICM-002)

Airway Procurement for the Study of Lung Disease (UAB CF Research and Translation Core Center)

Inflammatory Mediators in Neutrophilic Lung Disease

Detection of Airway CFTR Expression, Localization, and Activity in CF Patients

Matrix Metalloproteinases in CF Lung Disease

Megestrol Acetate Therapy for Growth Failure in Cystic Fibrosis: A Controlled Double Blinded Study