

MICHAEL P. ANDERSON

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Education

Department of Statistics, KANSAS STATE UNIVERSITY, Manhattan, KS

Ph.D. Statistics

Graduation: December 2009

- *Advisor:* Professor Suzanne R. Dubnicka
- *Dissertation Topic:* Bayesian Classification of DNA Barcodes

Department of Statistics, KANSAS STATE UNIVERSITY, Manhattan, KS

M.S. Statistics

Graduation: December 2006

- *Advisor:* Professor Shie-Shien Yang
- *Thesis Topic:* A Modified Mood's Test for Comparing Two Crossing Distributions

Department of Mathematics and Statistics, UTAH STATE UNIVERSITY, Logan, UT

B.A. Statistics

Graduation: May 2003

- *Minor* Russian

Research Interests

Statistical Genomics, Bayesian Statistical Analysis, Bioinformatics, Statistical Computing, Non-parametrics, Mixed Models, Statistical Education

Awards and Honors

OUHSC BSE Outstanding Faculty Teaching/Mentoring Award 2012-2013

OUHSC Behavioral Nutrition and Physical Activity Lab Most Supportive Outsider Award 2011-2012

OUHSC BSE Outstanding Faculty Research Award 2010-2011

OUHSC Faculty Leader Fellowship 2010-2011

- Nominated and selected to participate in the Health Sciences Center faculty leadership program.

Travel Award, Kansas State University 2009

- Department of Statistics has chosen to sponsor the presentation of my research at the 2009 Spring Meetings of the Eastern North American Region.

Department Recognition, Kansas State University 2007 and 2009

- One of two graduate students selected by the Statistics Department faculty for departmental honors for academic accomplishment.

Faculty Appointment, Kansas State University Summers of 2005, 2007, 2008, and 2009

- Selected by the department to teach a graduate level course which required a special faculty appointment as a graduate student.

Sigma Gamma Chi Scholarship, Utah State University 1999-2000

- Nominated and selected to receive the single highest award issued by this service oriented fraternity.

Eagle Scout Award 1994

Academic Experience

Assistant Professor—University of Oklahoma Health Sciences Center 2009 to present

Department of Biostatistics and Epidemiology

Course: Principles of Probability Theory (BSE 5703) Fall 2011 and 2012

- *Content:* Probability Theory, Transformations of Random Variables, Multiple Random Variables. PhD level 3 credit hour course with 4 students per semester.
- *Duties:* Prepare course notes and deliver lecture, write and grade exams and homeworks for 1 in-class section.

Course: Principles of Mathematical Statistics II (BSE 5743) Spring 2010

- *Content:* GLM Point estimation and Hypothesis Testing, R programming, Resampling Methods and Bayesian Analyses. PhD level 3 credit hour course with 2 students.
- *Duties:* Prepare course notes and deliver lecture, write and grade exams and homeworks for 1 in-class section.

Course: Linear Models (BSE 6553) Fall 2010

- *Content:* Matrix Algebra, Multivariate Normal, Quadratic Forms, Generalized and Conditional Inverse. PhD level 3 credit hour course with 2 students.
- *Duties:* Prepare course notes and deliver lecture, write and grade exams and homeworks for 1 in-class section.

Course: Biostatistics Methods II (BSE 5173) Spring 2010

- *Content:* Regression, ANOVA, and Mixed Models. Masters level 3 credit hour course with 14 students.
- *Duties:* Prepare course notes and deliver lecture, write and grade exams and homeworks for 1 in-class section.

Adjunct Professor—University of Oklahoma Health Sciences Center 2009 to present

Department of Pediatrics

- *Duties:* Primary collaborating biostatistician for all research in the Department of Pediatrics.

Graduate Research Assistant—KANSAS STATE UNIVERSITY 2008 to 2009

Project: Modeling the spread of pathogens at Barro Colorado Island.

- *Duties:* Explore various pathogen models via simulation.

Project: Pyrosequencing microbial communities in soil samples.

- *Duties:* Classify microbial DNA sequences to known bacteria species.

Graduate Teaching Assistant—KANSAS STATE UNIVERSITY 2003 to 2009

Course: Statistics for Business and Economics Part I (Stat 350)

- *Content:* An introduction to probability and sampling distributions. Junior level 3 credit hour course of 45-50 students per semester.
- *Duties:* Prepare course notes and deliver lecture, write and grade exams and homeworks for 1 in-class section.

Course: Statistics for Business and Economics Part II (Stat 351)

- *Content:* An introduction to regression, ANOVA, and time-series. Junior level 3 credit hour course of 40-45 students per semester.
- *Duties:* Prepare course notes and deliver lecture, write and grade exams and homeworks for 14 in-class sections over 7 semesters.

Course: Introduction to Probability and Statistics (Stat 510)

- *Content:* A first course in probability and mathematical statistics. Upper division 3 credit hour course for engineering students with 40-50 students per semester.

- *Duties:* Prepare course notes and deliver lecture, write and grade exams and homeworks for 10 in-class sections over 5 semesters.

Course: Statistics for Natural Scientists (Stat 703)

- *Content:* An introduction to statistical methods and data analysis. Graduate level 3 credit hour course for non-stat graduates with 20-30 students per semester.
- *Duties:* Prepare course notes and deliver lecture, write and grade exams and homeworks for 4 in-class sections over 4 summer semesters.

Statistics Lab Consultant—KANSAS STATE UNIVERSITY

2004 to 2008

Project: Radio-frequency Identification (RFID) tags.

- Set up logistic regression analysis for assessing RFID tag read rates implanted in cattle.
- Provided comprehensive statistical analysis of experiments
- Presented the methods and results to a group of graduate students taking the Categorical Data course.

Project: Hay Bale Storage.

- Set up analysis of complicated experimental design involving mixed models with repeated measures to assess storage effects on hay quality.
- Provided comprehensive statistical analysis of several quality measures.

Project: Cultural Diversity Recruitment Survey.

- Used Factor Analysis to improve response rates of a very long survey.
- Presented these methods in a seminar to the faculty at Kansas State University.

Internship at Logan Regional Hospital

Summer 2002

Project: Medication Errors and Nurse Training.

- Discovered significant difference in medication errors for different nurse education levels.
- Presented findings to the hospital administration.

Project: Patient Falls at the hospital.

- Used time-series to see if patient falls at the hospital were on the rise.
- Presented findings to the hospital administration.

Undergraduate Teaching Assistant—UTAH STATE UNIVERSITY

2004

Course: Business Statistics (Stat 2300)

- *Content:* An introduction to statistics for business majors.
- *Duties:* Led one recitation section in addition to grading homework assignments and exams.

Peer Reviewed Publications

1. Lora K, Guzman M, **Anderson MP**, Sisson S, Mayeux L (in preparation) Preschoolers' Involvement in Selection of Beverages during Grocery Shopping and the Role of Maternal Responsiveness: A Pilot Study.
2. Wendelboe A, Grafe C, McCumber M, **Anderson MP** (in preparation) Inducing Herd Immunity against Seasonal Influenza in Long-term Care Facilities through Employee Vaccination Coverage: A Transmission Dynamics Model.
3. Mir A, Frank S, **Anderson MP** (in preparation) Aspirin resistance in patients with single ventricle physiology and shunts: Is prophylaxis with Aspirin adequate in these patients?
4. Bates J, Dailey L, Rougraff K, Malony M, **Anderson MP**, Allen C (in preparation) Effectiveness of Using a Severity Score to Wean High Flow Nasal Cannula in Pediatric Patients.

American Journal of Critical Care.

5. Reust D, Dailey L, Ranallo C, Ghata J, **Anderson MP**, Henry E (in preparation) Effectiveness of a pediatric ventilator weaning protocol on pediatric critical care outcomes: A quality improvement project. *American Journal of Critical Care.*
6. **Anderson MP** and Dubnicka SR (in preparation). Species Discovery Through Sequential Naïve Bayes Classification.
7. Garrett K, **Anderson MP**, Tang Z (in preparation). Modeling the Spread of Pathogens Among Plant Species at Barro Colorado Island.
8. Garrett K, Herman M, Todd T, Gadbury G, **Anderson MP**, Gomez L (in preparation). Pyrosequencing Microbial Communities in Soil Samples.
9. Gottipati V, McCoy M, **Anderson MP**, and Sekar K (in preparation) Developing a predictive model for describing bronchopulmonary dysplasia outcome in infants requiring intubation and surfactant. *Journal of Pediatric Medicine.*
10. Glad R, Cardon B, **Anderson MP** Safety of Ibuprofen for Postoperative Pain after Palatoplasty.
11. Marin M, Tryggestad J, Aston C, Teague A, **Anderson MP**, Short K (submitted) Type 2 diabetes in adolescence is associated with increased oxidized HDL and LDL. *Pediatric Diabetes.*
12. Lora K, Guzman M, **Anderson MP**, Sisson S, and Mayeux L (submitted) Preschoolers' Helping Mothers Select Beverages to Buy and the Role of Maternal Responsiveness: A Pilot Study. *Childhood Obesity.*
13. Lora K, **Anderson MP**, and Sisson S (submitted) Relationship of Food Label Use and Household Availability of Beverages in a Sample of Low-income Mothers Participating in the Supplemental Nutrition Assistance Program. *Health Promotion and Practice.*
14. Rasbold A, Ademiec R, Horm D, Campbell J, **Anderson MP**, Sisson L, and Sisson S (submitted) Macronutrient and Micronutrient Intake of Children in Oklahoma Child Care Centers. *Public Health Nutrition.*
15. Matheny D, Wagner T, and **Anderson MP** (submitted) Tobacco Industry Influences in a State Legislature: A Pilot Intervention. *Tobacco Regulatory Science.*
16. Crittenden-Byers C, **Anderson MP**, Bogie A, Sparkman A (submitted) Is there a Difference in the Contamination Rates of Urine Samples Obtained by Bladder Catheterization and Clean-Catch Collection in Preschool Children? *Pediatric Emergency Care*
17. Atchley C, Williams P, Fields D, **Anderson MP** (submitted) Increased Protein Intake Decreases Weight Gain Due to Fat in Preterm Inpatient Infants. *Journal of Pediatric Gastroenterology and Nutrition.*
18. Fields D, **Anderson MP**, Allison D (submitted) The Role of Maternal BMI on breast-milk insulin, glucose, leptin, IL-6, TNF-alpha, and the association with infant growth and body composition at 1-month. *The Obesity Society.*
19. Quarles J, Raskob G, **Anderson MP**, Boatright D, Cox G, Knehans A, Rhoades E (submitted) School-Based Intervention for Reducing Childhood Obesity: The Walking School Bus. *The New England Journal of Medicine.*

20. Riggs S, Quattlebaum S, Raju R, **Anderson MP**, Medina J, Vasan N (submitted) Reliability of Positron Emission Tomography-Computed Tomography in Identifying Cervical Metastasis following Radiotherapy. *Journal of Otolaryngology Head and Neck Surgery*.
21. Collins B, Smith C, **Anderson MP**, Garrana S, Allen P, Vasan N (submitted) Head and Neck Skin Cancer in the Immunocompromised Patient: A Quantitative Analysis. *Journal of Otolaryngology Head and Neck Surgery*.
22. DiGiacinto D, **Anderson MP**, Cook S, and Bagley J (accepted) Bioeffects reference tool may not Improve Sonographer's Monitoring of Mechanical and Thermal Indices in Obstetric Sonography Examinations. *Journal of Diagnostic Medical Sonography*
23. Thompson BM, Haidet P, Borges NJ, Carchedi LR, Roman B, Townsend M, Butler A, Swanson D, **Anderson MP**, and Levine R (accepted) Team Cohesiveness, Team Size, and Team Performance in Team-Based Learning Teams. *Medical Education*.
24. Judd K, **Anderson MP**, Mannel R, Ernst K (accepted) Optimizing Lactation Resources During the First Two Weeks is Critical for Exclusive Intake of Maternal Human Milk at Neonatal ICU Discharge. *Neonatology Research*.
25. Ciro C, Dao H, **Anderson MP**, Robinson C, Hamilton T, and Hershey L (accepted) Improving Daily Life Skills in People with Dementia: Testing the STOMP Intervention Model. *Neuropsychological Rehabilitation*.
26. Bagley J, Randall K, **Anderson MP** (in press) Sonography and radiography Student Performance in a Cadaver Anatomy Class Before and After the Implementation of Synchronous Distance Education. *Ultrasound*
27. Ciro C, **Anderson MP**, Hershey L, Prodan C, Holm M (in press) A comparison of instrumental activities of daily living and role satisfaction in people with and without mild cognitive impairment: A pilot project. *American Journal of Occupational Therapy*.
28. **Anderson MP**, Leung C, Dubnicka SR, Drevets DA, RAjshekhar V, Oommen A, Vasudevan P, Babu J, Govindan R, and Carabin H (in press) A Semi-parametric Bayesian Framework for Identifying up and down Regulated Genes in Subjects with Neurocysticercosis (NCC) Associated Epilepsy. In *JSM Proceedings. Section on Bayesian Modeling in the Life Sciences and Medicine I. Alexandria, VA: American Statistical Association*.
29. Pant C, Sferra TJ, Olyae M, Gilroy R, **Anderson MP** Rastogi A, Pandya PK, and Deshpande A (in press) Emergency department visits related to Clostridium difficile infection: results from the Nationwide Emergency Department Sample 2006-2010. *Academic Emergency Medicine*.
30. Pant C, Sferra TJ, Deshpande A, Olyae M, Gilroy R, **Anderson MP**, and Donskey C (in press) Clostridium difficile infection in hospitalized patients with cystic fibrosis. *International Committee of Medical Journal Editors*.
31. Bhatti F, Ball G, Hobbs R, Linens A, Munzar A, Akram R, Barber A, **Anderson MP**, Elliott M, and Edwards M (in press) Pulmonary Surfactant Protein A is Expressed in the Mouse Retina by Muller Cells and Impacts Neovascularization in Oxygen Induced Retinopathy. *Investigative Ophthalmology and Visual Science*.
32. Chutake YK, Lam C, Costello WN, **Anderson MP**, Bidichandani SI (in press) Epigenetic Promoter Silencing in Friedreich Ataxia is Dependent on Repeat Length. *Annals of Neurology*

33. Nesbit KC, Kolobe T, Arnold S, Sisson S, **Anderson MP** (2014) Proximal and distal environmental correlates of adolescent obesity. *Journal of Physical Activity and Health* 11,6,1179-86.
34. Pant C, **Anderson MP**, Deshpande A, Barth B, Molyaee A, Waqmd P, and Sferra T (2014) Trends in Endoscopic Retrograde Cholangiopancreatography in Children within the United States from 2000 to 2009. *Journal of Pediatric Gastroenterology and Nutrition* 59,1,57-60.
35. Lawrence S, Nandyal R, Hallford G, **Anderson MP**, Hart N (2014) Changes in Hematocrit Following a Blood Transfusion Does Not Influence the Risk for Necrotizing Enterocolitis: a Case-Control Study. *Journal of Neonatal-Perinatal Medicine* 7,1,21-7.
36. **Anderson MP**, Dubnicka SR (2014). A Sequential Naïve Bayes Classifier for DNA Barcodes. *Statistical Applications in Genetics and Molecular Biology* 13,4,423-434.
37. Craig L, Rubin L, Peck J, **Anderson MP**, Hansen K, Guidry L, Marshall L, Soules M (2014) Acupuncture performed before and after embryo transfer: a randomized controlled trial. *Journal of Reproductive Medicine* 59,5-6,313-20.
38. Bagley J, DiGiacinto D, Lawyer J, **Anderson MP** (2014) Health Care Students Who Frequently Use Facebook Are Unaware of the Risks fo Violating HIPAA Standatds: A Pilot Study. *Journal of Diagnostic Medical Sonography* 30,3,114-120
39. Pant C, Deshpande A, Olyae M, **Anderson MP**, Bitar A, Steele M, Bass PF 3rd, and Sferra T (2014) Epidemiology of Acute Pancreatitis in Hospitalized Children in the United States Between 2000 and 2009. *Plos One* 9,5,e95552
40. Noori S, **Anderson MP**, Soleymani S, Seri I (2014) Effect of Carbon Dioxide on Cerebral Blood Flow Velocity in Preterm Infants during Postnatal Transition. *Acta Paediatrica* 103,8,e334-9.
41. Pant C, Sankararaman S, Deshpande A, Olyae M, **Anderson MP**, Sferra T (2014) Gastrointestinal Bleeding in Hospitalized Chilren in the United States. *Current Medical Research and Opinion* 30,6,1065-9.
42. Ernst K, Cline W, Dannaway D, Davis E, **Anderson MP**, Atchley C, Thompson B (2014) Weekly and Consecutive Day Neonatal Mannequin Intubation Practice Sessions Are Comparable on a Pediatrics Clerkship. *Academic Medicine* 89,3,505-10.
43. Lammers E, Johnson P, Ernst K, Hagemann T, Lawrence S, Williams P, **Anderson MP**, Miller J (2014) Association of continuous infusion fentanyl with neurodevelopmental outcomes in very low birth weight infants. *The Annals of Pharmacotherapy* 48,3,335-342.
44. Noori S, McCoy M, **Anderson MP**, Ramji F, Istvan S (2014) Changes in Cardiac Function and Cerebral Blood Flow in Intra/Periventricular Hemorrhage in Extremely Preterm Infants. *Pediatrics* 164,2,264-270
45. **Anderson MP**, Noori S, Dubnicka SR (2013). A Bayesian Predication Model of Severe Intra-ventricular Hemorrhage in Very Pre-Term Infants. In *JSM Proceedings. Section on Bayesian Modeling in the Life Sciences and Medicine I. Alexandria, VA: American Statistical Association.* 2457-2462.
46. Marsenic O, Wierenga A, Wilson D, **Anderson MP**, Shrivastava T, Simon G, Beck A, Swanson T, Studnicka K, Turman M, Couloures K, Henry D, Singh N (2013) Comparison of Cystatin C and Beta-2-Microglobulin Kinetics in Children on Chronic Hemodialysis. *Hemodialysis International* 17,10,S11-S16

47. Wyrick S, Hester C, Sparkman A, O'Neil K, DuPuis G, **Anderson MP**, Cordell J, Bogie A (2013) What Role Does Body Mass Index Play in Hospital Admission Rates From the Pediatric Emergency Department? *Pediatric Emergency Care* 29,9,974-8.
48. Pant C, **Anderson MP**, Grunow J, Altaf MA, Sferra TJ (2013) Trends in Hospitalizations of Children With Inflammatory Bowel Disease in the United States from 2000-2009. *Journal of Investigative Medicine* 61,6,1036-8.
49. Desphane A, Pant C, **Anderson MP**, Donskey C, Sferra T (2013) Clostridium difficile Infection in the Hospitalized Pediatric Population: Increaseing Trend in Disease Incidence. *Pediatric Infectious Disease Journal* 32,10,1138-40.
50. Pant C, **Anderson MP**, Sferra TJ (2013) Healthcare burden of Clostridium difficile infection in hospitalized children with inflammatory bowel disease. *Inflammatory Bowel Disease* 19,5,1080-1085
51. Papin J, Wolf R, Kosanke S, Jenkins J, Moore S, **Anderson MP**, Welliver R (2013) Infant Baboons Infected with Respiratory Syncytial Virus Develop Clinical and Pathologic Changes that Parallel Those of Human Infants. *American Journal of Physiology. Lung Cellular and Molecular Physiology* 304,8,L530-9.
52. Marsenic O, Wierenga A, Wilson D, **Anderson MP**, Shrivastava T, Simon G, Beck A, Swanson T, Studnicka K, Singh N, Elberg D, Couloures K, Henry D, Turman M (2013) Cystatin C in children on chronic hemodialysis. *Pediatric Nephrology* 28,4,647-53
53. Miller JL, Nandyal RR, Safarulla A, **Anderson MP**, Escobedo MB (2012) Relationship of Caffeine Dosing with Serum Alkaline Phosphatase Levels in ELBW Infants. *Journal of Pediatric Pharmacology and Therapeutics* 17,1,58-66.
54. Krishnan S, Fields D, Copeland K, Blackett P, **Anderson MP**, Gardner A (2012) Sex Differences in Cardiovascular Risk in Adolescents with Type 1 Diabetes . *Gender Medicine Aug*, 9,4,251-258.
55. Pant C, **Anderson MP**, Sferra TJ (2012) Association of Clostridium difficile infection with outcomes of hospitalized solid organ transplant recipients: Results from the 2009 Nationwide Inpatient Sample database. *Transplant Infectious Disease* 14,5,540-7.
56. Tlucek P, Siatkowski RM, Grace S, **Anderson MP** (2012) Effect of the oxygen saturation target on clinical characteristics of early- versus late-onset retinopathy of prematurity. *Journal of the American Association for Pediatric Ophthalmology and Strabismus* 16,1,70-74.
57. Pant C, Deshpande A, **Anderson MP**, Sferra TJ (2012) Clostridium difficile infection is associated with poor outcomes in end-stage renal disease. *Journal of Investigative Medicine* 60,2,529-532.
58. Bogie A, Grant K, Hallford G, **Anderson MP** (2011) The Epidemiology of Pediatric Patients seen at The Children's Hospital of Oklahoma with laboratory confirmed influenza in 2009. *Journal of the Oklahoma State Medical Association* 104,9,345-351.
59. Ryan SE, Blasi DA, Anglin CO, Bryant AM, Rickard BA, **Anderson MP**, Fike KE (2010) Read Distance Performance and Variation of Five Low-Frequency Radio Frequency Identification Panel Transceiver Manufacturers. *Journal of Animal Science* 88,7,2514-22
60. **Anderson MP**, Dubnicka SR (2009). Sequential Bayesian Classification: DNA Barcodes. Proceedings of Conference on Applied Statistics in Agriculture held in Manhattan, KS April 2009.

61. DuPree WJ, Meredith W, White MB, **Anderson MP** (2009). Evaluating Scholarship Productivity in COAMFTE-Accredited PhD Programs. *Journal of Marital and Family Therapy*, 35, 2, 204-219.
62. DuPree WJ, **Anderson MP**, Jurich T, Daniels K (2008). Student Factors that Influence Cultural Diversity Recruitment in COAMFTE-Accredited Schools. *Texas Journal of Marital and Family Therapy* 13,1,6-23.
63. **Anderson MP** (2007). A Modified Mood's Rank Test for Comparing Two Crossing Distributions. In JSM Proceedings, Nonparametric Statistics Section. Salt Lake City, UT: American Statistical Association.
64. Russell C, DuPree WJ, Beggs M, **Anderson MP** (2007). Responding to Remediation and Gatekeeping Challenges in Supervision. *Journal of Marital and Family Therapy*, 33,2,225-242.

Software Packages

Michael Anderson (2009). bdoc: Bayesian Discrete Ordered Classification of DNA Barcodes. R package version 1.1. <http://CRAN.R-project.org/package=bdoc>.

Published Abstracts

1. Pant C, **Anderson MP**, Deshpande A, Barth B, Molyaee A, Waqmd P and Sferra T (submitted) Endoscopic Retrograde Cholangiopancreatography in Children: Trends within the United States from 2000 to 2009. *Submitted to Digestive Disease Week 2014 Chicago, IL*.
2. Vasan N, **Anderson MP** (submitted) Polysomnography Outcomes After Transoral Robotic Lingual Tonsillectomy for Obstructive Sleep Apnea. Submitted to the American Academy of Otolaryngology-Head and Neck Surgery Foundation Annual Meeting and OTO EXPO 2014 Orlando, Florida.
3. Bax A, **Anderson MP** (accepted) Is Pediatric Residents' Parenting Advice Associated with the Parenting They Received? *Accepted for an oral presentation at the 2014 annual meeting of the Society for Developmental and Behavioural Pediatrics (SDBP)*
4. Corff K, Bedwell S, **Anderson MP**, Sekar K (accepted) Does Liberal Sibling Visitation Increase the Rate of Nosocomial Infections in the NICU? *Accepted for an oral presentation at the 2014 Southern Society of Pediatric Research meetings in New Orleans, LA and as a poster at presentation the Pediatric Academic Societies Conference 2014, Vancouver, Canada.*
5. Crittenden-Byers C, Sparkman A, **Anderson MP**, Bogie A (accepted) Should Urine Cultures in Children 2-5 Years of Age Be Obtained By Catheterization or Clean-Catch in the Emergency Department? *Selected for a poster presentation at Pediatric Academic Societies Conference 2014, Vancouver Canada.*
6. Lee J, Garfield S, Wierenga A, Johnason B, Bodamier O, Frank S, Anderson MP, and Wierenga (accepted) Computer-Assisted Diagnosis of Amino Acid Disorders. *Submitted to the American College of Medical Genetics annual meeting 2014 Nashville, TN.*
7. Lora K, Branscum P, **Anderson MP** (accepted) Participation in Government Nutrition Assistance Programs and Purchase of Sugar-Sweetened Beverages of Low-income Mothers of

Preschool Children. *Submitted to the International Society for Behavioral Nutrition and Physical Activity Annual Meeting, San Diego, CA, 2014 and to Experimental Biology Annual Meeting 2014 San Diego, CA.*

8. Lora K, Scott L, Branscum P, **Anderson MP**, Knehans A (accepted) Nutrition Food Label Use, Household Availability of Beverages and Participation in the Supplemental Nutrition Assistance Program. *Submitted to the International Society for Behavioral Nutrition and Physical Activity Annual Meeting, San Diego, CA, 2014.*
9. Guzman M, **Anderson MP**, Lora K (accepted) Maternal Feeding Styles and Preschool Children Influence of Sugar-Sweetened Beverages and Fruit Juice Purchases. *Won a travel award and was elected for a platform presentation Experimental Biology Annual Meeting 2014 San Diego, CA.*
10. Knowlton A, Sisson S, **Anderson MP**, Lora K, Knehans A (2013) Television Viewing During Dinner and Energy Intake and Child Health in Preschool Age Children. *Presented as a poster at the 2013 Central States American College of Sports Medicine Conference Warrensburg, MO.*
11. Lora K, **Anderson MP**, Guzman M (2013) Purchasing Behaviors of Sugar-Sweetened Beverages (SSB) and Fruit Juice (FJ) of Low-Income Fathers of Preschool Children. *Presented as a poster at the 31st Annual Scientific Meeting of The Obesity Society, Atlanta GA 2013.*
12. Guzman M, **Anderson MP**, Kasulis J, Lora K (2013) Preschool Children Influence on Maternal Purchasing Decisions of Sugar-Sweetened Beverages (SSB) and Fruit Juice (FJ). *Presented as a poster at the 31st Annual Scientific Meeting of the Obesity Society, Atlanta GA 2013.*
13. Atchley C, Williams P, Fields D, **Anderson MP** (2013) The Effects of Protein Intake on Body Fat Percentage in Preterm Inpatient Infants. *Selected for a platform presentation and travel award at SSPR 2013, New Orleans, LA.*
14. **Anderson MP**, Noori S, Dubnicka SR (2013) A Bayesian Prediction Model of Severe Intraventricular Hemorrhage in Very Pre-term Infants. *Given as an oral presentation at the 2013 Joint Statistical Meetings in Montreal, Canada*
15. Marin M, Tryggestad J, **Anderson MP**, Teague A, Short K (2013) Oxidized High-Density Lipoprotein in Obese Adolescents. *One of four abstracts selected for an oral presentation at the 7th Annual OUHSC Pediatric Research Day 2013, Oklahoma City, OK.*
16. Milavec J, Nandyal R, Gumuliauskas A, Singh M, Hutson E, **Anderson MP** (2013) Medical Home for Neonates. *Presented as a poster at the 7th Annual OUHSC Pediatric Research Day 2013, Oklahoma City, OK.*
17. Lawrence S, Nandyal R, Hallford G, **Anderson MP**, Hart N (2013) Necrotizing Enterocolitis, Hamatocrit, and Blood Transfusions: Is There an Association? *Presented as a poster at the 7th Annual OUHSC Pediatric Research Day 2013, Oklahoma City, OK .*
18. Eckert J, **Anderson MP**, Pereira A, Lawrence S (2013) Differences Between Neonatal and Adult Neutrophils Due to Maturation Development. *Presented as a poster at the 7th Annual OUHSC Pediatric Research Day 2013, Oklahoma City, OK .*
19. Kreml E, Perron L, Duncan P, Owen J, **Anderson MP**, Allen C (2013) Implementation of a Pediatric Rapid Response Team at a Children's Hospital Decreases Code Blue Events Outside the PICU. *Presented as a poster at the 7th Annual OUHSC Pediatric Research Day 2013, Oklahoma City, OK .*

20. Shrivastava T, **Anderson MP**, Gillaspay S, Hassed S, Hill CL, Tahirkheli N, Wierenga K (2013) Perceptions of the General Population of Consanguinity. *Selected for a poster presentation at the 32nd Annual Graduate Research Education and Technology (GREAT) Symposium 2013, Oklahahoma City, OK also presented as a poster at the 7th Annual OUHSC Pediatric Research Day 2013, Oklahoma City, OK*.
21. Joffe B, **Anderson MP**, Jacobs N, Hassed S (2013) Efficacy of Newborn Screening Counseling Education Methods. *Selected for a poster presentation at the 32nd Annual Graduate Research Education and Technology (GREAT) Symposium 2013, Oklahahoma City, OK also presented as a poster at the 7th Annual OUHSC Pediatric Research Day 2013, Oklahoma City, OK*.
22. Freeman A, Hassed S, **Anderson MP**, Wagner A (2013) Evaluation of Maternal Awareness of Newborn Screening: Implementation of an Educational Video in Prenatal Clinic. *Selected for a poster presentation at the 32nd Annual Graduate Research Education and Technology (GREAT) Symposium 2013, Oklahahoma City, OK also presented as a poster at the 7th Annual OUHSC Pediatric Research Day 2013, Oklahoma City, OK*.
23. Hunt L, **Anderson MP**, Robledo C, Song C (2013) Impact of Specialized Nursery Care on Cost of Care of Late Preterm Infants. *Selected for a platform presentation at SSPR 2013, New Orleans, LA also presented as a poster at the 7th Annual OUHSC Pediatric Research Day 2013, Oklahoma City, OK*.
24. Song C, **Anderson MP** (2013) The Virtual NICU: Using Social Media Tools to Reduce Stress and Increase Satisfaction in Parents of Very Low Birth Weight Infants. *Selected for a poster presentation at SSPR 2013, New Orleans, LA*.
25. Lawrence S, Halford G, **Anderson MP**, Escobedo M (2013) Effects of Labor on Microbicidal Responses of Neonatal Neutrophils. *Selected for a platform presentation at SSPR 2013, New Orleans, LA*.
26. Couloures K, Gedney B, Machiorlatti M, Robledo C, **Anderson MP**, Puliyanda D, Couloures O, Skaist L, Opas L (2013) Antimicrobial Prophylaxis (AP) in Children with Spina Bifida: An unintended experiment. *Selected as a poster at the AUA, 2013 also presented as a poster at the 7th Annual OUHSC Pediatric Research Day 2013, Oklahoma City, OK*
27. McCumber M, **Anderson MP**, Wendelboe A (2013) Uptake of Vaccine Against Novel H1N1 Influenza A: An Analysis of the Oklahoma State Immunization Information System (OSIIS). *Selected for a poster presentation at the 32nd Annual Graduate Research Education and Technology (GREAT) Symposium 2013, Oklahahoma City, OK*.
28. Scott L, Smith A, **Anderson MP**, Lora K. (2013) The Availability of Sugar-Sweetened Beverages and Fruit Juices in the Home of Low-Income Preschoolers. *Selected for a poster presentation at the 32nd Annual Graduate Research Education and Technology (GREAT) Symposium 2013, Oklahahoma City, OK*.
29. Ademiec R, Sisson S, Thomas B, Sitton L, Campbell J, **Anderson MP**, Horm D, Ladner J (2013) Macronutrient and Micronutrient Intake of Young Children in Child Care Centers in Oklahoma: Preliminary Findings. *Selected for a poster presentation at the 32nd Annual Graduate Research Education and Technology (GREAT) Symposium 2013, Oklahahoma City, OK*.
30. Singh M, Dasari P, Nighat M, **Anderson MP**, Naifeh M (2013) Can a Brief Educational Intervention Improve the Use of Spirometry in Children? *Selected as a poster presentation at the Pediatric Academic Societies Conference 2013, Washington D.C.*

31. Marsenic O, Wierenga A, Wilson D, **Anderson MP**, Shrivastava T, Simon G, Beck A, Swanson T, Studnicka K, Turman M, Couloures K, Henry D, Singh N (2013) Comparison of Cystatin C and Beta-2Microglobulin Kinetics in Children on Chronic Hemodialysis. *Selected as a platform presentation in the Hot Topics Session of the Annual Dialysis Conference 2013, Seattle, WA and for a platform presentation as one of the 3 best abstracts submitted to Advances in CKD, Renal Research Institute Conference Jan 1012, Puerto Rico.*
32. Nesbit K, Kolobe T, Arnold S, Sission S, **Anderson MP** (2012) Proximal and Distal Environmental Correlates of Adolescent Obesity *Selected for a poster presentation at the Combined Section Meetings (CSM) of the American Physical Therapy Association, San Diego, CA.*
33. Blucker R, Jacobs N, Grunow J, **Anderson MP**, Hullmann S (2012) Measuring Quality of Life in Children with Inflammatory Bowel Disease: Pshychometric Properties of the Impact III in an IBD Outpatient Clinic. *Presented as a poster at the 6th Annual OUHSC Pediatric Research Day 2012, Oklahoma City, OK.*
34. Atchley C, Williams P, Fields D, **Anderson MP** (2012) Does Increased Protein Intake Result in Increased Lean Body Mass in Preterm Neonates? *Selected for a poster presentation at the Pedicatic Academic Societies Conference 2013, Washington D.C. also presented as a poster at the 6th Annual OUHSC Pediatric Research Day 2012, Oklahoma City, OK.*
35. Pant C, Bitar A, **Anderson MP**, Steele M, Sferra T (2012) Epidemiology of Acute Pancreatitis in Hospitalized Children in the United States Between 2000 and 2009. *Presented as a poster at the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Meeting 2012 Salt Lake City, UT and as a poster at the 6th Annual OUHSC Pediatric Research Day 2012, Oklahoma City, OK.*
36. Pant C, **Anderson MP**, O'Connor J, Marshall C, Sferra T (2012) Association of Clostridium difficile infection with outcomes of hospitalized solid organ transplant recipients: Results from the 2009 Nationwide Inpatient Sample database. *Presented as a poster at the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Meeting 2012 Salt Lake City, UT and as a poster at the 6th Annual OUHSC Pediatric Research Day 2012, Oklahoma City, OK.*
37. Pant C, **Anderson MP**, Altaf Muhammad, Grunow J, Sferra T (2012) Healthcare burden of Clostridium difficile infection in hospitalized children with inflammatory bowel disease. *Presented as a poster at the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Meeting 2012 Salt Lake City, UT and as a poster at the 6th Annual OUHSC Pediatric Research Day 2012, Oklahoma City, OK.*
38. Pant C, **Anderson MP**, Deshpande A, Sankararaman S, Sferra T (2012) Gastrointestinal bleeding in Hospitalized Children in the United States. *Presented as a poster at the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition Meeting 2012 Salt Lake City, UT.*
39. Pant C, Philpott J, **Anderson MP**, Grunow J, O'Connor J, Sferra T (2012) Trend in Hospitalization Rates and Disease Behoavior in Pediatric Inflammatory Bowel Disease in the United States from 2000 to 2009. *Selected as a platform presentation at the Advances in IBD Conference 2012 Fort Lauderdale, FL.*
40. Riggs S, Quattlebaum S, Raju R, **Anderson MP**, Medina J, Vasan N (2012) Analysis of PET for Nodal Metastasis following Radiotherapy. *Selected for a poster presentation at the the International Conference on Head and Neck Cancer 2012, Toronto, Canada and for a platform presentation at the Annual Meeting of the American Academy of Otolarngology-Head & Neck Surgery Foundation 2012 Washington, DC .*

41. Smith Chelsey, Collins B, **Anderson MP**, Vasan N (2012) Head and Neck Skin Cancer in the Immunocompromised Patient: A Quantitative Analysis. *Selected for a poster presentation at the the International Conference on Head and Neck Cancer 2012, Toronto, Canada.*
42. Outhier L, Sisson S, **Anderson MP**, Campbell J, May K, Brittain D, Knehans A (2012) Feeding Practices and Healthy Eating Support in Urban and Rural Childcare Centers. *Selected for a poster presentation at the 31st Annual Graduate Research Education and Technology (GREAT) Symposium 2012, Oklahoma City, OK.*
43. Ademiec R, Sisson S, Campbell J, **Anderson MP**, Horm D, Ladner J(2012) Assessing the Micronutrient Intake of Young Children in Child Care Centers. *Selected for a poster presentation at the 31st Annual Graduate Research Education and Technology (GREAT) Symposium 2012, Oklahoma City, OK.*
44. Neel S, Anderson A, Frampton A, **Anderson MP**, Knehans A, Turner P, Hull H (2012) Relationship Between Maternal Polyunsaturated Fatty Acid (PUFA) and Linoleic Acid Intake and Infant Body Composition. *Selected for a poster presentation at the ODA Conference 2012, Oklahoma City, OK.*
45. Neel S, Anderson A, Frampton A, **Anderson MP**, Knehans A, Turner P, Hull H (2012) Glycemic Load of the Maternal Diet in Relation to Infant Body Composition. *Selected for a poster presentation at the 31st Annual Graduate Research Education and Technology (GREAT) Symposium 2012, Oklahoma City, OK.*
46. Hunt L, Song C, **Anderson MP** (2012) Impact of Specialized Nursery Care on NICU Admission and Length of Stay of Late Preterm Infants. *Selected for a poster presentation at the Annual Pediatric Academic Societies Conference 2012, Boston, MA.*
47. Judd K, Manfredo A, Durrani S, **Anderson MP**, McCoy M, Hetherington C, Kenney E, Ernst K (2012) Does Education About Human Milk Benefits for Premature Infants Encourage Mothers to Provide their Milk and Increase Visitation in the Neonatal Intensive Care Unit (NICU) with Reduced Hospital Stay? *Selected for a poster presentation at the annual meeting of the Southern Society of Pediatric Research 2012, New Orleans, LA also presented as a poster at the 6th Annual OUHSC Pediatric Research Day 2012, Oklahoma City, OK.*
48. Gottipati V, McCoy M, **Anderson MP**, Sekar K (2012) Developing a Predictive Model for Describing Bronchopulmonary Dysplasia Outcome in Infants Requiring Intubation and Surfactant. *Selected for a platform presentation at the annual meeting of the Southern Society of Pediatric Research 2012, New Orleans, LA.*
49. Patil R, McCoy M, **Anderson MP**, Sekar K (2012) Early vs late use of Rescue Inhaled Nitric Oxide in Infants less than 36 Weeks does not Influence Outcome. *Selected for a poster presentation at the annual meeting of the Southern Society of Pediatric Research 2012, New Orleans, LA also presented as a poster at the 6th Annual OUHSC Pediatric Research Day 2012, Oklahoma City, OK.*
50. Patil R, Belt T, Golwala H, Rashid S, **Anderson MP**, Gillaspay S, Naifeh M (2012) Resident Perceived Stress: Impact of New Work Hours? *Selected for a platform presentation at the annual meeting of the Southern Society of Pediatric Research 2012, New Orleans, LA also presented as a poster at the 6th Annual OUHSC Pediatric Research Day 2012, Oklahoma City, OK*
51. Miller JL, Nandyal RR, Safarulla A, **Anderson MP**, Escobedo MB (2011) Relationship of Caffeine Dosing with Serum Alkaline Phosphatase Levels in ELBW Infants. *Selected for a*

platform presentation at the 20th Pediatric Pharmacy Advocacy Group (PPAG) Annual Meeting 2011, Memphis TN. Also presented as a poster at the 15th Annual Neonatology Conference at OUHSC 2011, Oklahoma City, OK, the Annual Pediatric Academic Societies Conference 2012, Boston, MA, and at the Pediatric Hospital Medicine 2012 Conference Covington, KY.

52. Lewis JK, **Anderson MP**, Willeitner A (2011) Powdered Versus Liquid Human Milk Fortifier: A Blinded, Randomized, Controlled Trial. *Presented as a poster at the Annual Pediatric Academic Societies Conference 2011, Denver, CO.*
53. Krishnan S, Fields D, **Anderson, MP**, Chernausek SD (2011) Insulin Sensitivity and the Rate of Gain in Bone Mineral in Obese Prepubertal Children. *Presented as a poster at the Annual Pediatric Academic Societies Conference 2011, Denver, CO.*
54. Krishnan S, Fields D, Copeland K, Blackett P, **Anderson MP**, Gardner A (2011) Gender Differences in Central Distribution of Fat in Adolescents with Type I Diabetes. *Presented as a poster at the Organization for the Study of Sex Differences Annual Meeting 2011, Oklahoma City, OK.*
55. Noori S, **Anderson MP**, Seri I (2011) Effect of Arterial CO₂ Values on Cerebral Blood Flow in Preterm Infants during the Early Postnatal Transition. *Selected for a platform presentation at the Annual Pediatric Academic Societies Conference 2011, Denver, CO.*
56. Noori S, McCoy M, Gottipati V, **Anderson MP**, Ramji F, Seri I (2011) Temporal Relationship of Cerebral Hemorrhage with Changes in Cerebral Fractional Oxygen Extraction and Cardiac Function in Extremely Preterm Infants. *Selected for a platform presentation at the Annual Pediatric Academic Societies Conference 2011, Denver, CO.*
57. Nandyal R, Durrani S, Elamin B, Armstrong J, Safarulla A, **Anderson MP** (2011) Risk Factors for Necrotizing Enterocolitis in Late Preterm Infants. *Presented as a poster the 5th Annual OUHSC Pediatric Research Day 2011, Oklahoma City, OK, the 15th Annual Neonatology Conference at OUHSC 2011, Oklahoma City, OK, the Annual Pediatric Academic Societies Conference 2012, Boston, MA, and at the Pediatric Hospital Medicine 2012 Conference Covington, KY.*
58. Bogie A, Grant K, Hallford G, **Anderson MP** (2011) The Epidemiology of Pediatric Patients seen at The Children's Hospital of Oklahoma with laboratory confirmed influenza in 2009. *Presented as a poster the 5th Annual OUHSC Pediatric Research Day 2011, Oklahoma City, OK.*
59. Tlucek P, Siatkowski RM, Grace S, **Anderson MP** (2011) Comparison of the clinical course of late versus early onset retinopathy of prematurity. *Presented as a poster at the Annual Association for Research in Vision and Ophthalmology (ARVO) Conference 2011, Miami, FL and at the 5th Annual OUHSC Pediatric Research Day 2011, Oklahoma City, OK.*
60. **Anderson MP**, Dubnicka SR, Noori S (2011) Prediction of Intra-ventricular Hemorrhage in Very Pre-Term Infants. *Presented as an oral presentation at the 23rd Annual Conference on Applied Statistics in Agriculture 2011, Manhattan, KS.*
61. **Anderson MP**, Dubnicka SR (2009) DNA Barcoding: Bayesian Discrete Ordered Classification. *Presented as an oral presentation at the Spring Meetings of the Eastern North American Region (ENAR) of the International Biometric Society in San Antonio, TX and as an oral presentation 21st Annual Conference on Applied Statistics in Agriculture 2009, Manhattan, KS.*

62. **Anderson MP**, Yang S (2007) A Modified Mood's Rank Test for Comparing Two Crossing Distributions *Presented as an oral presentation at the Annual Joint Statistical Meetings (JSM) of the American Statistical Association, Salt Lake City, UT.*

Invited Presentations

1. **Anderson MP** (2014) Statistics Made Easy. *MedStudy Pediatric Intensive Board Review Course*, Dallas, TX 2014.
2. **Anderson MP** (2014) Pediatric Sedation Scoring Project Report. *Society for Pediatric Sedation*, Charleston, SC 2014.
3. **Anderson MP**, Dubnicka SR, and Noori S. (2014) Prediction of Intra-ventricular Hemorrhage in VeryPre-Term Infants and OUHSC Graduate Programs. *Department of Mathematics*, OU, Norman, OK 2014.
4. **Anderson MP**, Dubnicka SR, and Noori S. (2014) Prediction of Intra-ventricular Hemorrhage in VeryPre-Term Infants. *Department of Pediatrics, Biomedical and Behavioral Methodology Core*, Children's Hospital OUHSC, Oklahoma City, OK 2014.
5. **Anderson MP** (2014) Why When and How to Talk to a Biostatistician. *Pediatric Fellow's Seminar*, Children's Hospital OUHSC, Oklahoma City, OK 2014.
6. **Anderson MP** (2014) Biostatistics and the Pediatric Resident: A Union of Convenience. *Pediatric Resident Seminar*, Children's Hospital OUHSC, Oklahoma City, OK 2014.
7. **Anderson MP** (2014) Intermediate R. *Department of Biostatistics and Epidemiology Student Association*, OUHSC, Oklahoma City, OK 2013.
8. **Anderson MP** (2013) What to Expect When Consulting a Biostatistician. *College of Allied Health Student Seminar*, OUHSC, Oklahoma City, OK 2013.
9. **Anderson MP** and Thompson D. (2013) Graphing Procedures: R vs SAS. *Department of Biostatistics and Epidemiology Student Association*, OUHSC, Oklahoma City, OK 2013.
10. **Anderson MP** (2013) Statistical Consulting and Concepts. *College of Allied Health Nutritional Sciences Student Seminar*, OUHSC, Oklahoma City, OK 2013.
11. **Anderson MP** (2013) Biostatistics and the Pediatric Resident: A Union of Convenience. *Pediatric Resident Seminar*, Children's Hospital OUHSC, Oklahoma City, OK 2013.
12. **Anderson MP** (2013) Why, When, and How to Talk to a Biostatistician. *Pediatric Fellow's Seminar*, Children's Hospital OUHSC, Oklahoma City, OK 2013.
13. **Anderson MP** (2013) Introductory R. *Department of Biostatistics and Epidemiology Student Association*, OUHSC, Oklahoma City, OK 2013.
14. **Anderson MP** and Carabin H. (2012) Bayesian Methods in Longitudinal Repeated Measures Data Analysis. *Short Course on Applied Bayesian Analyses*, Christian Medical College, Vellore, India Sept 17-19 2012.
15. **Anderson MP** (2012) Biomedical Research Design and Methods. *Pediatric Clinical and Translational Research Summer Scholars Seminar*, OUHSC, Oklahoma City, OK June 2012.

16. **Anderson MP** (2012) Bayes' Theorem: Fundamentals and some Applications. *Department of Biostatistics and Epidemiology Student Association*, OUHSC, Oklahoma City, OK 2012.
17. **Anderson MP** (2012) Biostatistics and the Pediatric Resident: A Union of Convenience. *Pediatric Residency Program Seminar*, Children's Hospital OUHSC, Oklahoma City, OK 2012.
18. **Anderson MP** (2012) The Use of a Biostatistician in Research. *Pediatric Fellow's Seminar*, Children's Hospital OUHSC, Oklahoma City, OK 2012.
19. **Anderson MP** (2011) Your First Meeting with a Biostatistician. *Pediatric Fellow's Seminar*, Children's Hospital OUHSC, Oklahoma City, OK 2011.
20. **Anderson MP** (2011) What You Should Know About Communicating Effectively With A Biostatistician. *Faculty Professional Development Seminar*, Children's Hospital OUHSC, Oklahoma City, OK 2011.
21. **Anderson MP**, Dubnicka SR, and Noori S. (2011) Prediction of Intra-ventricular Hemorrhage in Very Pre-Term Infants. *Department of Statistics*, Oklahoma State University, OK 2011.
22. **Anderson MP**, Dubnicka SR, and Noori S. (2011) Prediction of Intra-ventricular Hemorrhage in Very Pre-Term Infants. *Department of Biostatistics and Epidemiology*, OUHSC, Oklahoma City, OK 2011.
23. **Anderson MP** (2011) How to Talk to a Biostatistician. *Pediatric Fellow's Seminar*, Children's Hospital OUHSC, Oklahoma City, OK 2011.
24. **Anderson MP**, and Dubnicka SR (2009) Bayesian Classification of DNA Barcodes. *Department of Biostatistics and Epidemiology*, OUHSC, Oklahoma City, OK 2009.
25. **Anderson MP**, and Dubnicka SR (2009) Bayesian Classification of DNA Barcodes. *Department of Biostatistics*, University of Alabama-Birmingham, Birmingham, AL 2009.
26. **Anderson MP**, and Dubnicka SR (2009) Bayesian Classification of DNA Barcodes. *Department of Statistics*, Brigham Young University, Provo, UT 2009.

Presentations

1. **Anderson MP**, Leung C, Dubnicka SR, Drevets DA, Rajshekhar V, Oommen A, Vasudevan P, Babu J, Govindan R, and Carabin H (in press) A Semi-parametric Bayesian Framework for Identifying up and down Regulated Genes in Subjects with Neurocysticercosis (NCC) Associated Epilepsy. Talk presented at the 2014 Joint Statistical Meetings, Aug 2-Aug 7 in Boston, MA.
2. **Anderson MP**, Dubnicka SR, and Noori S (2013) A Bayesian Prediction Model of Severe Intra-ventricular Hemorrhage in Very Pre-Term Infants. Talk presented at the 2013 Joint Statistical Meetings, Aug 3-Aug 8 in Montreal, Canada.
3. **Anderson MP**, Dubnicka SR, and Noori S (2011) A Sequential Bayesian Calculation for the Classification of Continuous, Ordered Data. Talk presented at the 2011 Applied Statistics in Agriculture Conference, May 1-3 in Manhattan, Kansas.

4. **Anderson MP** and Dubnicka SR (2009) A Sequential Bayesian Calculation for the Classification of Discrete, Ordered Data. Talk presented at the 2009 Applied Statistics in Agriculture Conference, April 19-21 in Manhattan, Kansas.
5. **Anderson MP** and Dubnicka SR (2009) DNA Barcoding: Bayesian Discrete Ordered Classification. Talk presented at the 2009 Spring Meetings of the Eastern North American Region, March 15-18 in San Antonio, Texas.
6. **Anderson MP** (2007) A Modified Moods Rank Test for Comparing Two Crossing Distributions. Talk presented at the 2007 Joint Statistical Meetings, July 29-Aug 2 in Salt Lake City, Utah.

Professional Memberships

- American Statistical Association
- The International Biometric Society Eastern North American Region

Skills

- Strong computational skills in R, SAS, SPSS, and \LaTeX .
- Fluent in Russian, lived in Baltic States of former Soviet Union (1996-1998).