

Colony S. Fugate, D.O., FACOP
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918-382-4600

Post Graduate Training

7/1/01 - 6/30/04	Oklahoma State University Medical Center formerly Tulsa Regional Medical Center 744 West 9th Tulsa, Oklahoma 74127 Resident in Pediatrics (918) 587-2561
7/1/00 - 6/30/01	Saint Clare's Hospital and Health Center 415 West 51 st Street New York City, New York 10019 Internship, Traditional Institution now closed

Board Certification

Present to 12/31/2023	American Osteopathic Board of Pediatrics
Present to 12/31/2023	American Board of Obesity Medicine

License

3/01/02 to present	Oklahoma, 3923
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Education

8/01/96 - 5/01/00	Oklahoma State University College of Osteopathic Medicine 1111 West 17 th Street Tulsa, Oklahoma 74107 Doctor of Osteopathic Medicine (918) 582-1972
1/15/92 - 5/15/96	Oklahoma State University Department of Nutritional Science Stillwater, Oklahoma 74078 Bachelor of Science in Nutritional Science (405) 744-5000

Professional Memberships

American Osteopathic Association
American College of Osteopathic Pediatricians
Oklahoma Osteopathic Association
American Academy of Pediatrics
The Obesity Society
Obesity Medicine Association

Academic Appointments

7/01/16 to present	Clinical Professor of Pediatrics Oklahoma State University Center for Health Sciences 1111 West 17 th Street Tulsa, Oklahoma 74107 (918) 582- 1972
7/01/12 to 6/30/2016	Clinical Associate Professor of Pediatrics Oklahoma State University Center for Health Sciences 1111 West 17 th Street Tulsa, Oklahoma 74107 (918) 582-1972
11/01/04 - 6/31/12	Clinical Assistant Professor of Pediatrics Oklahoma State University Center for Health Sciences 1111 West 17 th Street Tulsa, Oklahoma 74107 (918) 582-1972
8/1/04 - 10/31/04	Adjunct Clinical Assistant Professor of Pediatrics Oklahoma State University Center for Health Sciences 1111 West 17 th Street Tulsa, Oklahoma 74107 (918) 582-1972

Employment

- 11/01/04 to present Oklahoma State University
Center for Health Sciences
OSU Physicians
717 S Houston Avenue, Suite 400
Tulsa, OK 74127
(918) 382-3100
- 8/19/04 - 10/31/04 Tulsa Children's Healthcare Center
940 East 46th Street North
Tulsa, OK 74148
(918) 428-2538

Certifications

Neonatal Resuscitation Program
Basic Life Support

Awards

- 2019 American College of Osteopathic Pediatricians Harold H. Finkel, D.O. and Arnold Melnick, D.O. Community Pediatrician of the Year Award
- 2018 George Kaiser Family Foundation Endowed Chair of Pediatrics
- 2017 Regents Distinguished Teaching Award Clinical Sciences
Oklahoma State University Center for Health Sciences
- 2017 Regents Distinguished Research Award Clinical Sciences
Oklahoma State University Center for Health Sciences
- 2017 Walking the Talk Award
Oklahoma Food Security Summit
- 2013 Distinguished Alumni Award
College of Human Sciences
Oklahoma State University
- 2012 - 2013 American Osteopathic Foundation
Fit for Life Award

2010 - 2011 Oklahoma Physicians Resource/Research Network
CNEP Referral Champion

Program Development and Administration

2016 to present Pediatric Obesity Medicine ECHO
Oklahoma State University Center for Health Sciences
Project Lead

2011 to 2018 Pink to Orange Program
Collaborative Healthy Lifestyles Program
Saint Francis Shapedown at Healthzone and
Oklahoma State University Family Health and Nutrition Clinic
Medical Consultant

2010 to 2022 Cowboys Get Healthy, Get Fit Program
Medical – Community Collaborative
Medical Consultant

2009 to 2022 Family Health and Nutrition Clinic
Oklahoma State University Center for Health Sciences
Medical Director

Academic Endeavors and Mentoring

2019 to present Office of American Indians in Medicine and Science
Oklahoma State University
Associated Faculty

2017 to present Advocacy
Clerkship Coordinator

2017 to 2021 Pediatric Resident Self-Study Curricula

2017 to 2020 Pediatric Resident Wellness Curricula- Wellness Committee
Co-Coordinator

2016 to 2022 Oklahoma State University Medical Center Pediatric
Residency, Associate Program Director

2015 to present Scholarly Activity and Research
Clerkship Coordinator

2015 to 2018 Adolescent Medicine Clinical Clerkship
Clerkship Coordinator

2014 to present	Pediatric Resident Academic and Book Club Committee Co-supervisor and academic lecturer
2014 to 2018	Developing the Physician Small Group Facilitator
2013 to 2021	Obesity Medicine Focus Course Co-director and lecturer
2013 to 2019	Pediatric Focus Course Co-director and lecturer
2013 to 2016 2022 to present	Endocrinology System Course Pediatric Section Facilitator and lecturer
2013 to 2015	Nutrition Focus Course Co-director and lecturer
2013 to 2014	Foundations of Medicine Course Pediatric Department Representative for Service Learning and Developing the Physician Small Group Facilitator for Developing the Physician
2012 to 2020	OSU Center for Family Resilience OSUCHS and Department of Pediatrics Representative Interdepartmental Journal Club Co-Coordinator
2011 to 2022	Interdisciplinary Pediatric Obesity Medicine Clinical Clerkship Clerkship Coordinator
2011 to present	Developmental Pediatrics, Inter-professional Clinical Clerkship Clerkship Coordinator
2011 - 2012	OMECO Teaching Health Center Pediatric Residency Interim Associate Program Director
2009 to present	Medical Resident Mentor
2008	Mini Medical School for Kids: Nutrition, Obesity and Fitness. Oklahoma State University Center for Health Sciences, American College of Osteopathic Pediatricians Club Nutrition and Program Advisor

Administrative Endeavors

2017 to 2021	Oklahoma Department of Mental Health, Health Homes Medical Consultant
2014 to present	Director of Pediatric Clinical Research Oklahoma State University Department of Pediatrics
2016 to 2020	Legacy for Children™ Site Lead
2012 to 2017	Fluoride Varnish Implementation Project Oklahoma State University Pediatric Physicians' Clinic Physician Supervisor
2010 to 2017	Ages and Stages Questionnaire Developmental Pediatrics Care Measures Project Oklahoma State University Pediatric Physicians' Clinic Physician Supervisor
2010 - 2012	Asthma Care Measures Oklahoma State University Pediatric Physicians' Clinic Physician Representative
2009 to 2022	Family Health and Nutrition Clinic Oklahoma State University Pediatric Physicians' Clinic Medical Director

Publications

Okonya, O, Siddiqui, B, George, D, Fugate, C, Hartwell, M, Vassar, M. Use of behavioural change taxonomies in systematic reviews and meta-analyses regarding obesity management. *Clinical Obesity*. 2022; e12574. doi:10.1111/cob.12574

Fisch, C, Whelan, J, Evans, S, et al. Use of person-centred language among scientific research focused on childhood obesity. *Pediatric Obesity*. 2022; 17 (5):e12879. doi:[10.1111/ijpo.12879](https://doi.org/10.1111/ijpo.12879)

Rauh, S.L., Turner, D., Jellison, S., Allison, D.B., Fugate, C., Foote, G. and Vassar, M. (2020), Completeness of Intervention Reporting of Clinical Trials Published in Highly Ranked Obesity Journals. *Obesity*. <https://doi.org/10.1002/oby.23054>

Kushner, R., Horn, D., Butsch, S., Brown, J., Duncan, K., Fugate, C., Gronney, C., Grunvald, E., Igel, L., Pasarica, M., Pennings, N., Soleymani, T., Velazquez, A. (July 2019). Development of Obesity Competencies for Medical Education: A Report from The Obesity Medicine Education Collaborative. *Obesity* Vol. 27 Number 7. doi:10.1002/oby.22471. Editor's Choice Article for July issue of Obesity 2019.

Nissen, T., Wayant, C., Wahlstrom, A, Sinnett, P., Fugate, C., Herrington, J., Vassar, M. (2017). Methodological quality, completeness of reporting, and use of systematic reviews as evidence in clinical practice guidelines for pediatric overweight and obesity. *Clinical Obesity* 7(1): 34-45. doi: 10.1111/cob.12174

Eagleton, S. G., Fugate, C. S., & Merten, M. J. (2017). Improving self-efficacy and reducing provider bias: A family science approach to pediatric obesity treatment. In Harrist, A. & Welch, G. (Eds.). *Living with a chronic condition: helping families survive and thrive*. Springer: New York.

Sorenson, C. B., Eagleton, S., Fugate, C. S., & Cliff, S. (2015). Evaluation of household food insecurity and chaos in an urban pediatric patient population [Abstract]. *The Journal of the American Osteopathic Association*, 115, e102-e104.

Kucera, N., Jones, J., Fugate, C., Vaughn, K. (2015). Adolescent Vaccine Rates in an Urban Pediatric Clinic [Abstract]. *eJournal of the American College Osteopathic Pediatricians*. Vol 7, Number 5.

Bonds, K., Baker, C., Fugate C. (2015) Evaluation of the Efficacy of a Fluoride Varnish Program in Pediatric Primary Care [Abstract]. *eJournal of the American College of Osteopathic Pediatricians*. Vol 7, Number 4.

Bode, L., Fugate, C. (2014). An Audit of ASQ-3 Implementation as a Developmental Screening Tool [Abstract]. *eJournal of the American College of Osteopathic Pediatricians*. Vol 6, Number 3.

Lukeman, C., Fugate, C. (2014). Implementation of a Fluoride Varnish Program in Primary Care [Abstract]. *eJournal of the American College of Osteopathic Pediatricians*. Vol 6, Number 3.

Phung, B., Fugate, C., Malone, S. (2013). "Cowboys Get Healthy, Get Fit" A Medical-Community Program for Healthy Lifestyles Changes in Overweight and Obese Children- Outcomes Analysis of BMI, Aerobic Fitness, and Lifestyle Behaviors [Abstract]. *eJournal of the American College of Osteopathic Pediatricians*. Vol 16, Number 1.

Presentations

- 2022 Advancing Medical Education and Practice: The Obesity Medicine Education Collaborative Core Competencies in Obesity Medicine
Oklahoma State University Medical Center Grand Rounds
Virtual Presentation
- 2022 Using Anticipatory Guidance to Support Health
Oklahoma Osteopathic Association Winter CME
Virtual Conference
- 2021 Educational Presentation: Obesity a Chronic Disease
Oklahoma State University Center for Health Sciences
- 2021 Educational Presentation: Determinants of Obesity
Oklahoma State University Center for Health Sciences
- 2021 Educational Presentation: The Obesity Focused History and Physical
Oklahoma State University Center for Health Sciences
- 2021 Educational Presentation: Which Diet Works Best? Prescriptive Diets
Oklahoma State University Center for Health Sciences
- 2020 Pediatric Asthma and Allergies
Oklahoma State Department of Mental Health, Health Homes
Virtual Training
- 2020 Obesity in the Pediatric Population
Oklahoma State Department of Mental Health, Health Homes
Virtual Training
- 2020 Nutritional Assessment in the Primary Care Setting
Grand Rounds
College of Osteopathic Medicine at the Cherokee Nation
- 2020 Nutritional Assessment in the Primary Care Setting
Oklahoma State University Center for Health Sciences
Spring Fling
Virtual Presentation

- 2020 Oklahoma State University 11th Annual Chautauqua Conference on Family Resilience: Engaging Communities to Enhance Resilience through Belonging for Individuals with Intellectual and Developmental Disabilities and Their Families.
Discussion facilitator and chapter reviewer.
Tulsa, Oklahoma
- 2020 Competency Based Obesity Medicine Curricula: A Beginners Guide for Medical Education.
Co-Presenter with Magdalena Pasarica, M.D., Ph.D. and Nicholas Pennings, D.O.
Society of Teachers of Family Medicine
Portland, Oregon
- 2020, 2021, 2022 Educational Presentation: Assessment and Management of Obesity in the Pediatric Population
Oklahoma State University Center for Health Sciences
- 2019 Advancing Medical Education and Practice: The Obesity Medicine Education Collaborative Core Competencies in Obesity Medicine
Co-Presenter with Nicholas Pennings
Southern Obesity Summit
Oklahoma City, Oklahoma
- 2019 Advancing Medical Education: The Obesity Medicine Education Collaborative Core Competencies in Obesity Medicine
Oklahoma State University 2019 Primary Care Conference
Tulsa, Oklahoma
- 2019 Metabolic Matters: How and why behavioral health clinicians should play a role in managing metabolic symptoms of Oklahoma youth
Co-Presenter with Sara Coffey, D.O.
2019 Children's Behavioral Health Conference
Norman, Oklahoma
- 2019 Beyond Move More Eat Less: Considerations in Pediatric Obesity
Oklahoma Department of Mental Health Spring Training for Health Homes
Oklahoma City, Oklahoma

- 2019 Advancing Medical Education: The Obesity Medicine Education Collaborative Core Competencies in Obesity Medicine
Oklahoma State University Center for Health Sciences
Alumni Association 33rd Annual Spring Fling CME
Tulsa, Oklahoma
- 2019 Advancing Medical Education: The Obesity Medicine Education Collaborative Core Competencies in Obesity Medicine
Oklahoma Osteopathic Association 119th Annual Convention
Norman, Oklahoma
- 2019, 2020 Educational Presentation: Practical Approaches to Reducing
2021 Weight Bias in the Medical Setting
Oklahoma State University Center for Health Sciences
- 2018 Beyond Move More Eat Less: Considerations in Pediatric Obesity
Oklahoma Department of Mental Health Fall Training for Health Homes
Tulsa, Oklahoma
- 2018, 2019, 2020 Educational Presentation: The Infant
2021 Oklahoma State University Center for Health Sciences
- 2018, 2019, 2020 Educational Presentation: The Toddler
2021 Oklahoma State University Center for Health Sciences
- 2018, 2019, 2020 Educational Presentation: The Young Child
2021 Oklahoma State University Center for Health Sciences
- 2018 Childhood Obesity
Oklahoma State University Alumni Association Spring Fling
Tulsa, Oklahoma
- 2018 Beyond Move More Eat Less: Considerations in Pediatric Obesity Prevention and Treatment
Oklahoma Osteopathic Association
Tulsa, Oklahoma
- 2018 Management of Pediatric Obesity
Indian Health Service Pharmacy Seminar
Norman, Oklahoma
- 2017, 2018, 2019 Educational Presentation: Fundamentals of Weight Management
School of Allied Health, Department of Athletic Training
Oklahoma State University

- 2017 Educational Presentation: The First Year
Oklahoma State University Center for Health Sciences
- 2017 Educational Presentation: The Toddler and Young Child
Oklahoma State University Center for Health Sciences
- 2017 Pediatric Obesity- Curbing an Epidemic with ECHO
Oklahoma Osteopathic Association
Tulsa, Oklahoma
- 2017 Pediatric Obesity: A Collaborative Approach to a Complex Disease
Oklahoma Academy of Integrated Care Annual Conference
Tulsa, Oklahoma
- 2017 Practical Approaches to Reducing Weight Bias in the Outpatient Setting
Oklahoma Osteopathic Association Winter CME
Tulsa, Oklahoma
- 2016 Practical Approaches to Reducing Weight Bias in the Outpatient Setting
American Osteopathic Association Osteopathic Medicine Education Symposium
Anaheim, California
- 2016 Practical Approaches to Reducing Weight Bias in the Outpatient Setting
Oklahoma State University Alumni Association Spring Fling
Tulsa, Oklahoma
- 2016 Educational Presentation: Nutrition and Dietary Quality
School of Allied Health, Department of Athletic Training
Oklahoma State University
- 2016, 2017, 2018, 2019 Educational Presentation: Obesity: Causes and Complications
2020 Oklahoma State University Center for Health Sciences
- 2016, 2017, 2018, 2019 Educational Presentation: Nutrition and Dietary Quality
2020 Oklahoma State University Center for Health Sciences
- 2016 Educational Presentation: Intensifying Obesity Therapy-Surgery
Oklahoma State University Center for Health Sciences

- 2016, 2017 Educational Presentation: Obesity Case Based Learning
Oklahoma State University Center for Health Sciences
- 2015 Practical Approaches to Reducing Weight Bias in the Outpatient
Setting
Oklahoma State University 32nd Primary Care Update
Tulsa, Oklahoma
- 2015, 2016, 2017 Educational Presentation: Psychosocial Influences on Obesity
Lecturer and case-based skills lab facilitator
- 2015, 2016 Educational Presentation: The Well Child Check
Oklahoma State University Center for Health Sciences
- 2015 Nutrition throughout the Lifespan
Cased-based Learning Lab, Coordinator
Oklahoma State University Center for Health Sciences
- 2015 Educational Presentation: Introduction to Clinical Nutrition
Oklahoma State University Center for Health Sciences
- 2015 Educational Presentation: Introduction to Obesity Medicine
Oklahoma State University Center for Health Sciences
- 2015, 2016, 2017 Educational Presentation: Assessment and Management of Obesity
2019 in Adults
Oklahoma State University Center for Health Sciences
- 2015 Educational Presentation: Which Diet Works Best?
Oklahoma State University Center for Health Sciences
- 2015, 2016, 2017 Educational Presentation: Obesity in the Pediatric Population
2018, 2019 Oklahoma State University Center for Health Sciences
- 2015, 2016 Educational Presentation: The Obesogenic Environment
Oklahoma State University Center for Health Sciences
- 2015, 2016 The Big Picture: Advocating for Environmental Change
Panel Facilitator
Oklahoma State University Center for Health Sciences
- 2015 Educational Presentation: Intensifying Obesity Therapy:
Medications and Surgery
Oklahoma State University Center for Health Sciences

- 2014 Living with a Chronic Health Condition: Childhood Obesity
Center for Family Resilience Chautauqua: Living with a Chronic
Health Condition: Helping Families Survive and Thrive
Tulsa, Oklahoma
- 2014 Educational Presentation: Growth and Developmental Milestones I
and II
Oklahoma State University Center for Health Sciences
- 2014, 2017 Educational Presentation: Adolescent Development
Oklahoma State University Center for Health Sciences
- 2014, 2015 Educational Presentation: Disorders of Language and Cognition
Oklahoma State University Center for Health Sciences
- 2014, 2015, 2016 Parenting a Child with Special Healthcare Needs
Panel Facilitator
Oklahoma State University Center for Health Sciences
- 2013 Fit to Learn? Physical Activity in Schools
Oklahoma State University Center for Health Sciences
Primary Care Update
Tulsa, Oklahoma
- 2013 Fit to Learn? Physical Activity in Schools
American Osteopathic Association
Annual Research Conference
Las Vegas, Nevada
- 2012 Shifting Paradigms, Treating Pediatric Obesity
Oklahoma State University Center for Health Sciences
30th Annual Primary Care Update
Tulsa, Oklahoma
- 2012 Healthy Families Healthy Kids, Role Modeling Healthy Behaviors
Chesapeake Energy
Oklahoma City, Oklahoma
- 2012 Shifting Paradigms, Treating Pediatric Obesity
Saint Francis Hospital Annual Conference
Practical Applications in Pediatrics
Tulsa, Oklahoma

- 2012 Shifting Paradigms, Treating Obesity
Morton Comprehensive Health Services
Robert Russa Moton Symposium 2012
Tulsa, Oklahoma
- 2011, 2012, 2013 Educational Presentation: Health Maintenance
in Children
Oklahoma State University Center for Health Sciences
- 2011, 2012, 2013 Educational Presentation: Health Maintenance in Infants
and Toddlers
Oklahoma State University Center for Health Sciences
- 2011 Panelist Presenter: Family Health and Nutrition Clinic
37th Annual Advances in Pediatrics Conference
Obesity: “The Co-Morbidities and Management”
University of Oklahoma College of Medicine
Oklahoma City, Oklahoma
- 2011 What Works? Treating Pediatric Obesity
Grand Rounds
Oklahoma State University Medical Center
- 2011 Pediatric Obesity
Pediatric Grand Rounds
University of Oklahoma
- 2010 Pediatric Obesity: Prevention is Key When you’re Young
Oklahoma Osteopathic Association
Annual Spring Conference
Tulsa, Oklahoma
- 2009 Pediatric Obesity
Oklahoma State University Center for Health Sciences
Annual Primary Care Update
Tulsa, Oklahoma
- 2009 Treating Pediatric Obesity in Primary Care: A Review of Current
Recommendations.
Saint Francis Hospital and Health System
Our Kids: Taking a Swing at Childhood Obesity, Positive
Approaches to Healthy Weight.
Tulsa, Oklahoma

2007 Educational Presentation: Autistic Spectrum Disorders
Oklahoma State University Center for Health Sciences

2006, 2007, 2008 Educational Presentation: Health Maintenance
2009, 2010, 2011, 2012 in Adolescents
2013 Oklahoma State University Center for Health Sciences

2004, 2005, 2006 Educational Presentation: Pediatric Obesity
2007, 2008, 2009 Oklahoma State University Center for Health
2010, 2011, 2012 Sciences
2013

2004 Educational Presentation: Childhood Asthma
Oklahoma State University Center for Health Sciences

Committees

2022 Obesity Medicine Association
Clinician in Training Education Committee

2022 Oklahoma Child and Adolescent Psychiatry and Mental
Health Access Program Advisory Board
Education Workgroup

2022 Oklahoma State University Strategic Planning Committee
21st Century Extension Working Group

2021 to present Oklahoma State Department of Health
Oklahoma State Obesity Plan Stakeholder Group
School Age Sub-Committee

2020 to present American Osteopathic Board of Pediatrics
Pediatrics OCC Longitudinal Assessment Program
Test Construction Committee, Item Writer

2020 to present Double Up Oklahoma Advisory Board
Outreach, Education, and Nutrition Workgroup

2020 to present Journal of the American Osteopathic Association
Associate Editor of the Editorial Board

2020 to present Oklahoma State Medical Proceedings
Reviewer

2020	Center for Family Resilience Chautauqua Chapter Reviewer and Panel Moderator
2019	Center for Chronic Disease Prevention and Health Promotion Oklahoma State Department of Health Oklahoma State Obesity Plan Stakeholder Group
2019	Center for Family Resilience and Center for Wellness and Recovery Chautauqua Chapter Reviewer Resident Mentor: Alexander Mach, DO, PGYI and Ben Rossavik, DO, PGYI
2018	Oklahoma State University Center for Health Sciences Simulation Workgroup
2017	Center for Family Resilience Chautauqua Chapter Reviewer Resident Mentor: John Walker, DO, PGYI
2016 to present	Clinical Competency Committee OSU Pediatrics
2016 to present	Program Evaluation Committee OSU Pediatrics
2016 to 2020	Obesity Medicine Education Collaborative
2015 to 2016	The Obesity Society Obesity Medicine Education Interest Group Medical School Working Group
2014 to 2017	Obesity Medicine Association (formerly the American Society for Bariatric Physicians) Medical School Curriculum Committee
2014	Active Lifestyle Committee Oklahoma State University
2013	Committee for Oklahoma State University Center for Health Sciences Research Assessment

2012 to present	Center for Family Resilience OSUCHS and Pediatric Department Representative Core Working Group
2012	Phase 3 Curriculum Development Committee, Subgroup for Endocrinology Oklahoma State University Center for Health Sciences College of Osteopathic Medicine
2010 to 2020	Family Health Coalition-Tulsa County Wellness Partnership: A Community of Excellence for Nutrition and Fitness Subcommittees: Community (2010 – 2012) and Schools (2010 to present) Co-chair- Fit 2 Learn Summit 2014, 2015, 2016, 2017, 2018, 2019, 2020
2012 to 2016	Tulsa County Health Department, Pathways to Health
2010	Phase I Curriculum Analysis Group Oklahoma State University Center for Health Sciences College of Osteopathic Medicine
2010 - 2012	Leadership Team Oklahoma Fit Kids Coalition
2009 - 2010	Board of Directors Oklahoma Fit Kids Coalition
2009	Oklahoma Health Improvement Plan Obesity Reduction Flagship Work Group
2009	Oklahoma State University Center for Health Sciences Continuous Quality Improvement Committee, Consultant to Committee for Healthcare Effectiveness Data Information Set, Childhood Obesity Measures
2008 - 2011	Oklahoma State University Center for Health Sciences Committee for Research on Autism Spectrum Disorders
2007 - 2013	Oklahoma State University Center for Health Sciences Institutional Review Board Vice Chairman, 2009 - 2013

2007 to 2020
Oklahoma Health Care Authority-Oklahoma State
Department of Health Child Health Advisory Task Force
Representative 2007 to 2013
Alternate 2013 to 2020

Scholarly Activities

2021 to present
Healthy Brain and Child Development Study, Phase II
Site Clinician
Member, Recruitment and Retention Committee

2021 to present
Sanofi MET 61: Immunogenicity and Safety Study of an
Investigational Quadrivalent Meningococcal Conjugate Vaccine
Administered Concomitantly with Routine
Pediatric Vaccines in Healthy Infants and Toddlers
Primary Investigator

2021 and 2022
American Academy of Pediatrics and Chop Chop Eatable Alphabet
Grant

2020
A quality improvement in approach to pulse oximetry in non-
hypoxic patients
Resident co-mentor with Shawna Duncan, D.O. to Taylor Craft,
D.O.
Oklahoma State University Medicine Center Quality Improvement
Symposium, Virtual Session

2020
Refractory Kawasaki Disease with Cardiovascular Involvement
Resident Mentor to Alwin Louie, D.O.
Oklahoma State University Center for Health Sciences Research
Day

2020
A qualitative approach to identify factors contributing to early
attrition in the Oklahoma State University Center for Health
Sciences Family Health and Nutrition Clinic
Primary Investigator
Sub-investigator: Aaron Briscoe

2020 to 2022
Astellas 3772-CL-2001: A Phase 1, Randomized, Single Dose,
Blinded, Dose-Escalation Study to Assess Safety, Tolerability and
Immunogenicity of ASP3772, a Pneumococcal Vaccine, in
Toddlers 12 to 15 Months of Age in Comparison to an Active
Comparator
Primary Investigator

- 2019 to 2022 Pfizer C3291035: A Phase 3, Randomized, Double-Blind, Vehicle-Controlled Study to Evaluate the Efficacy and Safety of Maintenance Treatment and Flare Reduction with Crisaborole Ointment, 2%, Once Daily Over 52 Weeks in Pediatric and Adult Participants (Ages 2 Years and Older) with Mild-to-Moderate Atopic Dermatitis, who Responded to Twice Daily Crisaborole Ointment, 2%, Treatment
Primary Investigator
- 2019 to 2020 Suspected Vaping Associated Lung Injury in a 16-year-old Female Genevieve Febbraro, DO, Meagan McCall, DO, Laura Bode, DO, Binh Phung, DO
Resident Mentor to Genevieve Febbraro, DO and Meagan McCall, DO
OSUCHS Research Day
- 2019 Development of Obesity-Focused Competencies for Medical Education
Pennings, N., Kushner, R., Horn, D., Butsch, S., Fugate, C.
Abstract accepted for presentation by Dr. Nicholas Pennings
Educating Leaders 2019: American Association of Colleges of Osteopathic Medicine Annual Conference
- 2019 Education to break down barriers to establishing a dental home: A Clinical Inquiry.
Resident mentor: Kristina Miles, D.O.
Saint Francis Hospital Pediatric Symposium 2019
- 2018 to present Sanofi MET41: A Randomized Study to Describe the Safety of an Investigational Quadrivalent Meningococcal Conjugate Vaccine Administered Concomitantly with Routine Pediatric Vaccines in Healthy Infants and Toddlers
Primary Investigator
- 2018 to 2020 Pfizer B7471003: A Phase 2, Randomized, Double-blind Trial to Evaluate the Safety and Immunogenicity of a MultiValent Pneumococcal Conjugate Vaccine in Healthy Infants
Primary Investigator
- 2018 to 2019 Pfizer C3571002: A Phase 2, Randomized, Open-Label Trial to Evaluate the Safety and Immunogenicity of a Multivalent Pneumococcal Conjugate Vaccine Given with, or Separately from, 13-Valent Pneumococcal Conjugate Vaccine in Healthy Infants,
Primary Investigator

- 2018 Pfizer Protocol C3291002: A Phase 4, Multicenter, Open-Label Safety Study of Crisaborole Ointment 2% In Children Aged 3 Months To Less Than 24 Months With Mild to Moderate Atopic Dermatitis.
Primary Investigator
- 2017 to 2020 A quality improvement approach to improve assessment of and responsiveness to food insecurity
Hong Nguyen, DO, Colony Fugate, DO
OSUCHS Research Day
- 2017 to 2020 Assessing Residents' Competency in Performing Lumbar Punctures
Authors: Caitlin Schaede, DO, Ashraf Mohammed, MD, Shawna Duncan, DO; Resident Mentor to Caitlin Schaede, DO
OSUCHS Research Day 2020
- 2017 to 2019 Vision Screening: Is there a better way?
Unpublished Clinical Inquiry Manuscript
Resident Mentor to Emily Pirmann, DO
Saint Francis Health System Neonatal and Pediatric Symposium
Fall 2020
- 2017 to 2019 Education to Break Down Barriers to Establishing a Dental Home
A Clinical Inquiry
Kristina Miles, DO, Whitney Latham, DO, Colony Fugate, DO
Saint Francis Health System Neonatal and Pediatric Symposium
Fall 2020
- 2017 to 2019 Complex Congenital Heart Disease with Subsequent Non-Remitting Protein Losing Enteropathy: A Primary Care Perspective
Resident Mentor to Courtney Sauls, DO, PGYIII
ACOP, Spring 2019
- 2017 to 2019 OSU Family Health and Nutrition Clinic Early Attrition Study
Primary Investigator, 2017 to 2019
Sub-investigator, 2017
- 2017 Exploring pediatric weight management program non-participation and attrition through mixed-method inquiry.
Oklahoma State University Center for Family Resilience Seed Funding for Research Associates.
Co-Primary Investigator

- 2016 to 2019 Baby boxes, bed-sharing and barriers to following safe sleep guidelines: a review of current evidence to inform future interventions
Unpublished Clinical Inquiry Manuscript
Resident Mentor to Emily Ummer, DO
- 2016 to 2019 Implementation of a Standardized Feeding Protocol in the NICU for Prevention of Postnatal Growth Restriction and Enterocolitis
Resident Mentor to Jamie Brown, DO, PGYIII
Unpublished Manuscript
Authors: Jamie Brown, DO, Erika Ike, DO, and Margaret Donohue, MD
- 2016 to 2019 Evaluation of Medical Students' Implicit and Explicit Biases Towards Obesity
Resident Mentor to Brandon Worth, DO, PGYIII
OSUCHS Research Day, 2019
- 2016 to 2019 Firearm Screening in the Outpatient Setting
Resident Mentor to Sarah Hayden, DO, PGYIII
OSUCHS Research Day, 2019
- 2016 to 2019 Legacy for Children and the Medical Home
Resident Mentor to Alicia Pino, DO, PGYIII
OSUCHS Research Day, 2019
- 2016 to 2019 Pediatric Resident Physicians' Perceptions of Competency in Pediatric Palliative Care
Resident Mentor to Christine Beeson, DO, PGYIII and Betsy Kadapuram, DO, PGYIII
OSUCHS Research Day, 2019
- 2016 to 2017 An Audit of MCHAT Implementation as a Developmental Screening Tool
Resident Mentor to Fatma Hanif, DO
ACOP Fall 2017
- 2016 to 2017 Rate and Effects of Spirometry Use in Asthma Diagnosis and Management in an Urban Pediatric Clinic
Resident Mentor to Sister Mary Rafqa (Samar) Boulos, RSM, DO
ACOP Fall 2017

- 2016 to 2017 Urban Clinic Vaccine Rates in Late Adolescence
Resident Mentor to John Lukeman, DO; Nicole Kucera, DO;
Kaleb L. Vaughn, B.S.
ACOP Spring 2017
- 2016 to 2017 If not here then where? An Assessment of Where Patients in an
Urban Pediatric Clinic Obtain Fluoride Varnish
Resident Mentor to Carrie Baker, D.O.
ACOP Spring 2017
- 2016 to 2017 Implementation of a Standardized Feeding Protocol in the NICU
for Prevention of Postnatal Growth Restriction and Necrotizing
Enterocolitis
Resident Mentor to Erika Ike, D.O.
ACOP Spring 2017
- 2016 to 2017 Methodological quality, completeness of reporting, and use of
systematic reviews as evidence in clinical practice guidelines for
pediatric overweight and obesity.
Resident Mentor for Nissen, T., Wayant, C., Wahlstrom, A,
Sinnott, P., Fugate, C., Herrington, J., Vassar, M. (2017).
Manuscript Published in Clinical Obesity 7(1): 34-45. doi:
10.1111/cob.12174
OSU Research Day 2017, ACOP Spring 2017
- 2016 Sucampo Protocol 1131: A Multicentre, Randomized, Placebo-
controlled, Double-blind Study of the Efficacy, Safety, and
Pharmacokinetics of Lubiprostone I Paediatric Subjects Aged ≥ 6
Years to < 18 Years with Functional Constipation.
- 2016 Spirometry Use Rates in Asthma Management in an Urban
Pediatric Clinic
Resident Supervisor to Christel Dixon, D.O. PGYIII
1st Place ACOP Spring 2016
- 2016 Pathways to Health Award
- 2015 to present Oklahoma State University Center for Family Resilience
Research Associate

- 2015 to 2020 Evaluation of Osteopathic Manipulation in Newborns with Latching Difficulties
Resident Mentor: Angela Tyson, DO, John Burke, DO, Cha' Hutchison, DO
OSUCHS Research Day 2020
American Academy of Osteopathy 2020 Convocation
Authors: Angela Tyson, DO, John Burke, DO, Cha' Hutchison, DO, Mark Thai, DO, Leslie Ching, DO
- 2015 to 2017 Regeneron R-2222-RSV-1332: A Phase 3 Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Efficacy and Safety of a Human Monoclonal Antibody, REGN2222, for the Prevention of Medically Attended RSV Infection in Preterm Infants.
Primary Investigator
- 2015 Why we eat and why we stop: a survey of medical students at Oklahoma State University-Center for Health Sciences
Co-investigator with Kath Curtis, Ph.D.
Presented at Oklahoma State University Research Day
- 2014 to 2016 Adolescent Vaccination Rates in an Urban Pediatric Clinic
Resident Co-Supervisor to Niki Kucera, D.O., PGYIII and John Lukeman, D.O., PGYII
Presented at Fall 2015 ACOP
- 2014 to 2016 Oklahoma State University Center for Health Sciences Intramural Grant
Family Health and Nutrition Clinic
Primary Investigator
- 2014 to 2016 An Audit of ASQ-3 Implementation as a Developmental Screening Tool
Resident Supervisor to Megan Thompson, D.O., PGYIII
Presented at Spring 2016 ACOP
- 2014 to 2015 Merck Protocol v114_004: A Phase I-II, Randomized, Double-Blind, Study to Evaluate the Safety, Tolerability, and Immunogenicity of v114 in Healthy Adults and Infants
Primary Investigator

- 2014 to 2015 MedImmune Protocol D5290C00002: A Phase 1b/2b Randomized, Double-Blind, Placebo-controlled, Dose-escalation Study to Evaluate the Safety, Tolerability, and Pharmacokinetics of MEDI8897, a Monoclonal Antibody with an Extended Half-life Against Respiratory Syncytial Virus, in Healthy Preterm Infants.
Primary Investigator
- 2014 to 2015 Anacor Protocol AN2728-AD-301: A Multicenter, Randomized, Double-Blind, Vehicle-Controlled Study of the Safety and Efficacy of AN2728 Topical Ointment, 2% in Children, Adolescents, and Adults (Ages 2 Years and Older) With Atopic Dermatitis.
Primary Investigator
- 2014 to 2015 Novartis Protocol v118_05: A Phase III, Stratified, Randomized, Observer Blind, Controlled, Multicenter Clinical Study to Evaluate the Safety, Immunogenicity and Efficacy of an Adjuvanted Quadrivalent Subunit Influenza Virus Vaccine Compared to Non-Adjuvanted Comparator Influenza Vaccine in Children ≥ 6 to < 72 Months of Age.
Primary Investigator
- 2014 to 2015 Novartis Protocol v58_31: A Phase III, Observer blind, Randomized, Controlled, Multicenter Study to Evaluate the Safety of a Trivalent Subunit Influenza Vaccine Produced either in Mammalian Cell Culture or in Embryonated Chicken Eggs (Fluvirin®), in Healthy Children and Adolescents 4 to 17 Years of Age.
Primary Investigator
- 2014 to 2015 Novartis v130_03: A Phase III, Stratified, Randomized, Double-Blind, Multicenter, Non-Inferiority Study to Evaluate Safety and Immunogenicity of Cell-Based Quadrivalent Subunit Influenza Virus Vaccine and Cell-Based Trivalent Subunit Influenza Virus Vaccines in Subjects Ages ≥ 4 Years to < 18 Years.
Primary Investigator

- 2013 to 2016 An Evaluation of Chaotic Family Environments and Food Insecurity in an Urban Primary Care Setting
Resident Supervisor to Carly Sorenson, D.O., PGYIII, Sally Eagleton, doctoral candidate Human Development and Family Science, and Stephen Cliff, MSII
OMED/AOA Conference October 2015
ACOP Conference October 2015
American College of Osteopathic Pediatricians Poster Award for Best Research Fall
OSU in Tulsa Research Day, 2nd place residents and 3rd place students 2016
- 2013 to 2016 Assessing Physician Knowledge and Ability to Manage Food Security in an Urban Pediatric Clinic
Resident Supervisor to Amanda Terwey, D.O., PGYIII and Sally Eagleton, doctoral candidate Human Development and Family Science.
ACOP, Spring 2016
- 2013 to 2015 Analysis of Student Exposure to Curriculum Topics and Attitudes Related to Nutrition, Exercise, and Weight
Primary Investigator with Machelie Lisenmeyer, EdD
- 2013 to 2015 Evaluation of a Fluoride Varnish Program in Primary Care
Resident Supervisor to Katie Bonds, D.O., PGY III
ACOP, Spring 2015
- 2013 to 2014 An Audit of ASQ-3 Implementation as a Developmental Screening Tool
Resident Supervisor to Laura Bode, D.O., PGY III
ACOP, Spring 2014
- 2013 to 2014 Evaluation of a Fluoride Varnish Program in Primary Care
Resident Supervisor to Claire Lukeman, D.O., PGYIII
ACOP, Fall 2013
- 2012 to 2013 OSU Planning Grants for Establishing Interdisciplinary Programs
Primary Investigator

- 2012 to 2013 “Cowboys Get Healthy, Get Fit” A Medical Community Collaborative Program for Healthy Lifestyle Changes in Overweight and Obese Children- Outcome Analysis of BMI, Aerobic Fitness, and Lifestyle Behaviors
Resident Supervisor to Binh Phung, D.O., PGYIII
American College of Osteopathic Pediatricians
Poster Award for Best Research
- 2012 American Osteopathic Foundation Fit for Life Award
- 2011 to 2014 Sanofi Protocol MTA55: An Immunogenicity and Safety Evaluation of Menactra (Meningococcal Groups A, C, Y) and W-135 Polysaccharide Diphtheria Toxoid Conjugate Vaccine When Administered to Health Subjects at 9 Months and Concomitantly with Pentacel (DTaP-IPV/Hib) at 15-18 Months of Age
Sub-investigator
- 2011 to 2014 Merck/Sanofi Protocol v419-006: A Phase 3, Randomized, Partially Double-Blind, Active-Comparator-Controlled, Lot-to-Lot Consistency Clinical Study to Evaluate the Safety, Tolerability, and Immunogenicity of V419 in Healthy Infants When Given at 2, 4, and 6 Months Concomitantly with PREVNAR-13 and RotaTeq
Sub-investigator
- 2011 to 2014 Pfizer Protocol B1971015: A Phase 2, Randomized, Single-Blind Trial, to Assess the Safety, Tolerability, and Immunogenicity of MCV4, TDAP Vaccine and rLP2086 Vaccine When Administered Concomitantly in Healthy Subjects Aged ≥ 10 to < 13 Years
Sub-investigator
- 2011 to 2013 Pfizer Protocol B1971011: A Phase 2, Randomized, Single-Blind Trial, to Assess the Safety, Tolerability, and Immunogenicity of GARDISIL (HPV) Vaccine and rLP2086 Vaccine When Administered Concomitantly in Healthy Subjects Aged ≥ 11 to < 18 Years
Sub-investigator
- 2011 to 2012 Tulsa Area United Way, Venture Grant
Cowboys Get Healthy Get Fit

- 2010 to 2014 Oklahoma State University Center for Health Sciences
Intramural Grant
Family Health and Nutrition Clinic
Sub-investigator
- 2010 to 2012 Novartis Protocol v59_33: A Phase 3, Randomized, Open Label, Controlled Multi-Center Study to Evaluate the Safety and Immunogenicity of 4 Doses of MenACWY Conjugate Vaccine, Administered Concomitantly with Routine Vaccines, Among Infants Aged 2 Months.
Sub-investigator
- 2010 to 2012 Novartis Protocol v59_36: A Phase 3, Open Label, Multi-Center Study to Evaluate the Safety and Immunogenicity of 2 or 3 Doses of MenACWY Conjugate Vaccine in Healthy Infants and the Effects of a Booster Dose of MenACWY Administered in the Second Year of Life.
Sub-investigator
- 2010 to 2011 Outcome Evaluation of OSU Family Health and Nutrition Clinic-Cowboys Get Healthy Get Fit Program for Obese and Overweight Adolescents
Resident Supervisor to Vinette Pierre, D.O., PGY-II
OSU-Tulsa Research Day (2011), ROGME Poster Symposium (April 2011) - 2nd Place, OMED/ACOP Conference (October 2011) - 2nd Place
Abstract Published eJournal of the American College of Osteopathic Pediatricians Winter 2012, Vol 4, Number 2.
- 2010 to 2011 Integrating PCPs and Community-Based Programs to Manage Obesity, Site Coordinator
- 2009 to 2013 GSK Protocol HIB-097 (112957): Partially Double Bind Study to Evaluate Consistency and Immunogenicity of 3 lots of GSK Biologicals' Hib Vaccine 208108 Versus ActHIB and Pentacel at 2, 4, 6, and 15-18 Months of Age in Healthy Infants
Sub-investigator
- 2009 to 2012 MedImmune Protocol MI-MA213: The REPORT Study: an observational prospective study to assess respiratory syncytial virus (RSV) respiratory events among premature infants (32-35 weeks gestational age) - outcomes and risk tracking study
Sub-investigator

- 2009 to 2011 Novartis Protocol v59P23: A phase 3b, open-label, randomized, multicenter study to evaluate the safety of Novartis MenACWY Conjugate Vaccine when administered with routine vaccinations to healthy infants
Sub-investigator
- 2009 to 2011 Novartis Protocol v59P21: A phase 3, open label, randomized, multicenter study to evaluate the safety and immunogenicity of ProQuad vaccine when administered concomitantly with Novartis's Meningococcal ACWY conjugate vaccine to healthy toddlers
Sub-investigator
- 2008 to 2012 GSK Protocol MMR-157: A Phase II, Randomized, Observer Blind, Controlled, Multicenter Study to Assess Immunogenicity and Antibody Persistence Following Vaccination with GSK's Candidate combined Measles, Mumps, and Rubella Vaccine (MMR) versus MMR-II According to a One-dose Schedule Both Administered Subcutaneously at 12-15 Months of Age, Concomitantly with Hepatitis A Vaccine (HAV), Varicella Vaccine (VV), and Pneumococcal Conjugate Vaccine (PCV) but at Separate Sites.
Sub-investigator
- 2008 to 2009 Merck Protocol 068: An open, randomized, multicenter study of the safety, tolerability, and immunogenicity of Vaqta given concomitantly with Pedvax and Infanrix in Healthy Children 15 months of age.
Sub-investigator
- 2007 to 2010 Wyeth Protocol 6096A1-3011: A Phase 3, open-label trial evaluation of the safety, tolerability, and immunogenicity of 13-Valent Pneumococcal Conjugate Vaccine in Healthy Children Aged 15 months to 17 years in the United States
Sub-investigator
- 2007 to 2010 Wyeth Protocol 6096A1-3005: A Phase 3, Randomized, Active-Controlled, Double-Blind Trial Evaluating the Safety, Tolerability, and Immunogenicity of 3 Lots of 13-valent Pneumococcal Conjugate Vaccine in Healthy Infants Given with Routine Pediatric Vaccinations in the United States
Sub-investigator

- 2007 to 2009 GSK Protocol MMRV-054-PRI: A Phase II, Randomized, Observer Blind, Multicenter Study of GSK's Combined MMRV vaccine vs ProQuad, according to a one dose schedule, both administered subcutaneously at 12-14 months of age, concomitantly with Hepatitis A vaccine and pneumococcal conjugate vaccine but at separate sites.
Sub-investigator
- 2006 to 2018 Astellas Protocol: APPLES: A Prospective Pediatric Longitudinal Evaluation to Assess the Long-Term Safety of Tacrolimus Ointment for the Treatment of Atopic Dermatitis
Sub-investigator (2006-2013) Primary Investigator (2014 to 2018)
- 2006 to 2009 GSK Protocols Hib-MenCY-TT-009, -010: Safety and immunogenicity study of Hib-MenCY-TT vaccine compared to licensed Hib conjugate vaccine, each administered at 2, 4, 6 and 15 months of age. A phase III, randomized, multinational study, double-blinded for the immunogenicity and consistency evaluation of 3 Hib-MenCY-TT vaccine lots and single-blinded and controlled for the evaluation of safety and immunogenicity of GSK Biological Haemophilus influenza type b and Neisseria meningitides serogroups C and Y-tetanus toxoid conjugate vaccine combined (Hib-MenCY-TT) compared to monovalent Hib vaccine in healthy infants 2, 4, 6, and 15 months of age.
Sub-investigator
- 2006 to 2008 Sanofi protocol MTA44: An Immunogenicity and Safety Evaluation of Two Doses of Menactra (Meningococcal Groups A, C, Y, W-135 Polysaccharide Diphtheria Toxoid Conjugate Vaccine Given to Healthy Subjects at 9 and 12 Months of Age
Sub-investigator
- 2006 to 2008 Merck Protocol 067: An open, randomized, multicenter study of the safety, tolerability, and immunogenicity of Vaqta given concomitantly with ProQuad and Prevnar in healthy children 12 months of age
Sub-investigator

2006 to 2007	Merck protocol 025: An Open-Label, Randomized, Multicenter Study of the Safety, Tolerability, and Immunogenicity of v501 Given Concomitantly with Menactra and ADACEL in Healthy Adolescents 11-17 Years of Age. Sub-investigator
2002 to 2004	Ingenix Pharmaceutical Services Protocol 006 Rotavirus Safety and Efficacy Study Sub-investigator