

Tellen D. Bennett, MD, MS

CURRENT POSITION	Associate Professor and Section Head Informatics and Data Science Pediatric Critical Care (secondary) Department of Pediatrics, University of Colorado School of Medicine, Aurora CO Biomedical Informatics and Personalized Medicine (secondary) Department of Medicine, University of Colorado School of Medicine, Aurora, CO Associate Professor, Biostatistics and Informatics (secondary) July 2018 to present Colorado School of Public Health, Aurora, CO Attending Physician, Pediatric Intensive Care Unit Children's Hospital Colorado Director, Informatics Core Colorado Clinical and Translational Sciences Institute (CCTSI)	Sept 2019 to present
CONTACT INFORMATION	13199 E. Montview Blvd, Suite 300 Campus Mail F443 Aurora, CO 80045	O (303) 724-8661 F (303) 724-1934 tell.bennett@cuanschutz.edu
EDUCATION	Rice University , Houston, TX B.A., Biology and History Johns Hopkins University School of Medicine M.D., Medicine University of Washington/Seattle Children's Hospital Residency, Pediatrics University of Washington/Seattle Children's Hospital Fellowship, Pediatric Critical Care University of Washington School of Public Health M.S., Epidemiology University of Colorado School of Medicine Post-Doctoral Fellow, Biomedical Data Science	May 1997 June 2001 2001-2004 2006-2009 June 2009 Sep 2017-Aug 2019
ACADEMIC APPOINTMENTS	Clinical Instructor, Pediatrics University of Washington School of Medicine, Seattle, WA Instructor, Pediatric Critical Care University of Utah School of Medicine, Salt Lake City, UT Assistant Professor, Pediatric Critical Care University of Utah School of Medicine, Salt Lake City, UT Assistant Professor, Pediatric Critical Care University of Colorado School of Medicine, Aurora, CO Associate Professor, Pediatric Critical Care University of Colorado School of Medicine, Aurora, CO	2004-2006 2009-2011 2011-2014 2014-2016 2016-2019

HOSPITAL POSITIONS	Attending Physician, Pediatrics Seattle Children's Hospital, Seattle, WA	2004-2006
	Staff Physician, Infant Ground Transport Team Seattle Children's Hospital, Seattle, WA	2004-2005
	PALS Instructor Seattle Children's Hospital, Seattle, WA	2004-2009
	Attending Physician, Pediatrics Evergreen Hospital and Medical Center, Kirkland, WA	2005-2006
	Attending Physician, Pediatrics Kadlec Medical Center, Richland, WA	2008-2009
	Attending Physician, Pediatric Intensive Care Unit Primary Children's Hospital, Salt Lake City, UT	2009-2014
HONORS AND AWARDS	Johns Hopkins University School of Medicine	
	• Henry Seidel Scholarship for Primary Care	2000-2001
	• Harrison Award for Excellence in Clinical Pediatrics	2001
	• <i>Alpha Omega Alpha</i>	2001
	University of Washington/Seattle Children's Hospital	
	• Alberta Corkery Fellowship Travel Award	May 2008
	University of Utah School of Medicine	
	• Pediatric Clinical and Translational Research Scholar	2011-2013
	• Pediatric Critical Care Colloquium Abstract Award	2012
	for "Ability to Provide CPP-Directed therapy Results in More Aggressive Care and Less Mortality in a Large Cohort of Children with Traumatic Brain Injury" by Dixon RR, Korgenski K, Bennett TD , Bratton SL.	
• Society for Critical Care Medicine Abstract Scholarship Award	2013	
for "Extracorporeal Membrane Oxygenation: Does Center Volume Affect Mortality?" by Freeman CL, Bennett TD , Casper TC, Larsen GY, Hubbard A, Wilkes J, Bratton SL.		
• Manuscript named in "What's New in Pediatric Rehabilitation: 10 Articles You Shouldn't Miss" at the 2013 American Academy of Physical Medicine and Rehabilitation Annual Meeting	2013	
for "Initiation of Physical, Occupational, and Speech Therapy in Children With Traumatic Brain Injury" by T. D. Bennett , C. M. Niedzwecki, E. K. Korgenski, and S. L. Bratton.		

- Jack Emerson Award for Resident Research Presentation 2014
Conference on High Frequency Ventilation of
Infants, Children and Adults

for “Use of High Frequency Percussive Ventilation and High Frequency Oscillatory
Ventilation in the PICU” by Tawfik DS, **Bennett TD**, Welch B, Poss WB.
- Elected to Society for Pediatric Research 2014
University of Colorado School of Medicine
- Manuscript selected for JAMA Pediatrics Journal Club 2017

for “Functional Outcome After Intracranial Pressure Monitoring for Children With
Severe Traumatic Brain Injury”; **T. D. Bennett**, P. E DeWitt, T. H. Greene, et al.
JAMA Pediatr.
- Visiting Professor, Safar Center for Resuscitation Research 2018
University of Pittsburgh, Pittsburgh, PA
- Society for Critical Care Medicine Gold Snapshot Award 2020
for “Predicting Serious Bacterial Infection at PICU Admission” by Martin B (fellow
trainee), **Bennett TD**

PROFESSIONAL ORGANIZATIONS	American Academy of Pediatrics	2001-present
	American Academy of Pediatrics - Section on Critical Care	2006-present
	Pediatric Acute Lung Injury and Sepsis Investigators (PALISI)	2009-present
	Scientific Steering Committee	2016-2018
	Pediatric Existing Data Analysis (PEDAL) subgroup of PALISI	2013-present
	Founding Chair	2013-2018
	Pediatric Neurocritical Care Research Group	2014-present
	Scientific Review Chair	2016-2018
	Society of Critical Care Medicine	2006-present
	Society of Critical Care Medicine - Pediatrics Section	2006-present
	Society for Pediatric Research	2014-present
	American Medical Informatics Association	2017-present
	Intensive Care Informatics Working Group	2017-present

SERVICE AT PREVIOUS INSTITUTIONS	Institution	
	• Senior Interviewer	1996-1997
	Rice University	
	• Interviewer, Rice Alumni Volunteers for Admission	2006-2014
	Rice University	
	School of Medicine	
	• Educational Policy Committee	1997-2001
	Johns Hopkins University School of Medicine	

Department

- Intern Selection Committee 2003-2004
University of Washington Department of Pediatrics
- Investigator, Utah PHIS Users Group 2011-2013
University of Utah Department of Pediatrics
- National Database Data Steward 2011-2014
University of Utah Department of Pediatrics

Hospital

- Computerized Physician Order Entry Committee 2002-2003
Seattle Children's Hospital
- Chair, ICU Handoff Committee 2010-2012
Primary Children's Hospital

SERVICE AT
UNIVERSITY OF
COLORADO

Anschutz Medical Campus/School of Medicine

- Investigator 2014-present
Adult and Child Consortium for Outcomes Research and Delivery Science
- Biostatistician Recruitment Committee 2014-2016
Adult and Child Consortium for Outcomes Research and Delivery Science
- Co-Director, Data Science Program 2016-present
Adult and Child Consortium for Outcomes Research and Delivery Science
Formerly the Analytics Core of the CU Data Science to Patient Value (D2V) program
- Associate Director, Informatics Core 2018-2019
Colorado Clinical and Translational Sciences Institute (CCTSI)
- Director, Informatics Core 2019-present
Colorado Clinical and Translational Sciences Institute (CCTSI)
- Member, Scientific Advisory Board 2018-present
Health Data Compass
- Member, Phase 1 Campus Connectivity Work Group 2019
CHCO-CU Anschutz Child Health Research Enterprise Planning Initiative
- Member, Phase 2 Sequencing and Synthesis Work Group 2019
CHCO-CU Anschutz Child Health Research Enterprise Planning Initiative
- Chair, Planning Committee 2019
CCTSI CU-CSU Annual Summit
AI and Machine Learning in Biomedical Research
- Member, Steering Committee 2019-present
Health Data Compass
- Member, Enterprise Research Computing Systems Committee 2019-present
CU Anschutz Medical Campus

Department

- Pediatric Critical Care Fellowship Curriculum Committee 2015-2017
- Pediatric Critical Care Fellowship Recruitment Committee 2015-2017

Children's Hospital Colorado

	<ul style="list-style-type: none"> • Neurocritical Care Leadership Committee 2016-2018 • Traumatic Brain Injury Clinical Pathway Committee 2017-2019 	
LICENSURE AND BOARD CERTIFICATION	<p>Board Certification</p> <ul style="list-style-type: none"> • American Board of Pediatrics (Pediatrics) Recertified 2014 2004-present • American Board of Pediatrics (Pediatric Critical Care) 2010-present • American Board of Preventive Medicine (Clinical Informatics) 2019-present <p>State Certification</p> <ul style="list-style-type: none"> • State License (WA) - Physician 2001-2010 • State License (UT) - Physician 2009-2016 • State License (CO) - Physician 2014-present 	
PATENTS	None	
REVIEW AND REFEREE WORK	<p>Study Sections</p> <ul style="list-style-type: none"> • Grant Review Committee Colorado Brain Injury Program 2015 • NIH Early Career Reviewer Program Accepted into program 2015-present • Study Section Member PCORI Initiative on Health Plan/System Data Partnerships 2016 • Study Section Member CU Data Science to Patient Value (D2V) Pilot Grant Study Section 2017, 2018 • Study Section Member Children's Hospital Colorado Research Institute Research Scholar program 2017 • External Reviewer Institute for Data Valorisation, Montreal, Canada 2017 • Study Section Member PCORI Partnerships To Conduct Research within PCORnet 2018 • Study Section Member Colorado Clinical and Translational Sciences Institute (CCTSI) pre-K review program 2018 • Study Section Member Colorado Clinical and Translational Sciences Institute (CCTSI) KL2 review program 2019 • Study Section Member Department of Defense Psychological Health and Traumatic Brain Injury Research Program 2019 • Study Section Member NIH/NINDS Special Emphasis Panel ZNS1 SRB-N (23) for Traumatic Brain Injury Center Without Walls 2020 • Study Section Member PCORI Panel for Conducting Rare Disease Research Using PCORnet 2020 • Study Section Member NIH Neurological Sciences and Disorders-C (NSD-C) Translational Neural Devices 2020 	

Ad Hoc Reviewer - Meetings

- Abstract Reviewer 2010
Utah Health Services Research Conference
- Abstract Reviewer, Critical Care and Epidemiology 2015
Pediatric Academic Societies Annual Meeting
- Poster Judge 2015
Society for Epidemiologic Research Annual Meeting
- Abstract Reviewer, Critical Care and Epidemiology 2017
Pediatric Academic Societies Annual Meeting
- Abstract Reviewer 2018-2020
American Medical Informatics Association Annual Symposium
- Abstract Reviewer 2019, 2020
American Medical Informatics Association Summit

Ad Hoc Reviewer - Journals

- *Academic Emergency Medicine*
- *Accident Analysis and Injury Prevention*
- *American Journal of Managed Care*
- *Archives of Physical Medicine and Rehabilitation*
- *Artificial Intelligence in Medicine*
- *BioData Mining*
- *BMC Medical Informatics and Decision Making*
- *Critical Care Forum*
- *Critical Care Medicine*
- *Critical Care Nurse*
- *Hospital Pediatrics*
- *JAMA Pediatrics*
- *JAMIA Open*
- *Journal of Pediatrics*
- *Journal of Pediatric Intensive Care*
- *Journal of Pediatric Surgery*
- *Journal of Rheumatology*
- *Lancet*
- *Pediatric Critical Care Medicine*
- *Pediatric Emergency Care*
- *Pediatric Neurosurgery*
- *Pediatrics*
- *PLOS One*
- *Scientific Data*

INVITED
EXTRAMURAL
PRESENTATIONS

International

- Existing Data Analysis in Pediatric Critical Care 2013
Pediatric Acute Lung Injury and Sepsis Investigators
Biannual Meeting
- Pediatric Existing Data Analysis (PEDAL) Subgroup Update 2013-2018
Pediatric Acute Lung Injury and Sepsis Investigators

- Biannually Oct 2013-Mar 2018
- Invited Panelist May 2014
 Navigating Career Development Awards:
 Best Practices from the CTSA Child Health Oversight Committee
 Pediatric Academic Societies Annual Meeting
 - Moderator April 2015
 Critical Care Platform session
 Pediatric Academic Societies Annual Meeting
 - Moderator September 2016
 Pediatric Neurocritical Care Breakfast Corner
 Neurocritical Care Society Annual Meeting
 - Session Chair November 2018
 Phenotype and Event Prediction
 American Medical Informatics Association Annual Symposium
 - Invited Panelist Mar 2019
 Big Data Panel
 Pediatric Acute Lung Injury and Sepsis Investigators Biannual Meeting
 - Invited Speaker July 2019
 Big Data in Pediatric TBI Research
 Annual Symposium of the National Neurotrauma Society
 - Invited Speaker Sept 2019
 The Pediatric ICU Data Collaborative
 International Conference on Complex Acute Illness
 - Invited Speaker Oct 2019
 Pediatric ICU Data Science
 American Academy of Pediatrics National Congress and Exhibition
 - Invited Speaker Jul 2020
 COVID-19: Accelerating Real-Time Electronic Data Capture
 for Tracking, Learning, and Improvement
 Council of Medical Specialty Societies

National

- Sweet and Salty: Electrolyte Disturbances in Pediatric Transport 2011
 Current Concepts in Neonatal and Pediatric Transport
 Annual Meeting
- Maintaining Balance: Cardiopulmonary Interactions 2012
 Current Concepts in Neonatal and Pediatric Transport
 Annual Meeting
- Shades of Gray: Pediatric X-ray Case Studies 2013
 Current Concepts in Neonatal and Pediatric Transport
 Annual Meeting
- ICP Monitoring in Pediatric TBI 2013
 Pediatric Critical Care and Trauma Scientist Development Program
 Annual Retreat
- ICU Care of the Head Injured Child 2014
 Colorado Pediatric Trauma Conference
- Effectiveness of ICP Monitoring in Pediatric TBI 2014
 Pediatric Critical Care and Trauma Scientist Development Program

	Annual Retreat	
	• PEDALFAST: PEDIatric vALidation of vARiableS in TBI Pediatric Critical Care and Trauma Scientist Development Program Annual Retreat	2015
	• Effectiveness of ICP Monitoring in Pediatric TBI Pediatric Critical Care and Trauma Scientist Development Program Annual Retreat	2016
	• Invited Speaker Data Sharing and Secondary Use of Clinical Study Data NICHD Collaborative Pediatric Critical Care Research Network Steering Committee Meeting	2017
	• Decision Making about ICP Monitoring in Pediatric TBI Pediatric Critical Care and Trauma Scientist Development Program Annual Retreat	2017
	• Invited Speaker Biostatistics and Data Science: Complementary Roles Annual Meeting of the Association for Clinical and Translational Science	2018
	• Invited Speaker In the Absence of Equipoise: ICP Monitoring in Pediatric TBI Safar Center for Resuscitation Research, University of Pittsburgh	2018
	• Invited Speaker High-risk ICU Clinical Decision Support: Challenges and Opportunities Department of Biomedical Informatics, University of Washington	2019
	• Invited Speaker OMOP in the Real World: the National COVID Cohort Collaborative (N3C) Colorado One Health Alliance 2020 Data Sharing Workshop	2020
	• Invited Speaker Characterization of the The National COVID Cohort Collaborative (N3C) Cohort NIH CTSA Program Fall Meeting - Session on COVID-19 Response	2020
INVITED INTRAMURAL PRESENTATIONS	• Hyperosmolar and Surgical Therapy for Pediatric TBI Pediatric Trauma Research and Education Primary Children's Hospital, Salt Lake City, UT	2010
	• Osmolar Therapy for Pediatric TBI Intermountain Injury Control and Research Center University of Utah School of Medicine, Salt Lake City, UT	2010
	• Using PHIS for Clinical Research Pediatric Clinical and Translational Research Scholars Conference University of Utah School of Medicine, Salt Lake City, UT	2011
	• Effectiveness of ICP Monitoring in Pediatric TBI Intermountain Injury Control and Research Center University of Utah School of Medicine, Salt Lake City, UT	2012
	• ICP Monitoring in Pediatric TBI: An application of record linkage and comparative effectiveness research methods Intermountain Injury Control and Research Center University of Utah School of Medicine, Salt Lake City, UT	2013
	• Effectiveness of ICP Monitoring in Pediatric TBI	2015

- ACCORDS Research Seminar
Anschutz Medical Campus, Aurora, CO
- NIH K Award Panel Member 2016
ACCORDS Post-doctoral Fellow Program
Anschutz Medical Campus, Aurora, CO
- Data Linkage 2016
ACCORDS Big Data Workshop
Anschutz Medical Campus, Aurora, CO
- Panel Member, Big Data Management 2016
ACCORDS Big Data Workshop
Anschutz Medical Campus, Aurora, CO
- Panel Member, New Research Technologies and Innovation 2017
Research Informatics
Children's Hospital Colorado Research Symposium
Anschutz Medical Campus, Aurora, CO
- Data Science on the Anschutz Campus: Opportunities for Pediatric Research 2017
Children's Hospital Colorado Research Symposium
Anschutz Medical Campus, Aurora, CO
- In the Absence of Equipoise: ICP Monitors in Pediatric TBI 2018
Department of Biostatistics and Informatics Seminar
Colorado School of Public Health, Aurora, CO
- Methods and Tools for Time-Critical Clinical Decision Support 2018
Computational Bioscience Program Seminar
Anschutz Medical Campus, Aurora, CO
- Computable Phenotypes to Risk-Stratify Patients in EHRs in Real-time 2019
TICR High-Performance Computing Informatics Mini-Symposium
Anschutz Medical Campus, Aurora, CO

- ACTIVE GRANTS
- Archiving Common Data Element-Harmonized Pediatric Traumatic Brain Injury Data and Metadata Sep 2018-Aug 2021
NICHD R03 HD094912
Annual Direct Costs: \$50,000
National Institute of Child Health and Human Development
Role: Principal Investigator
 - Data-driven Analysis of Pediatric Organ Dysfunction Patterns to Discover Sepsis Phenotypes Apr 2019-Mar 2021
NICHD R21 HD096402
Annual Direct Costs: \$135,000
National Institute of Child Health and Human Development
Role: co-Investigator
 - A prospective, observational cohort trial for the treatment of hospitalized COVID-19 patients with high-titer anti-SARS-CoV2 convalescent serum Apr 2020-Apr 2021
CCTSI COVID-19 Pilot Grant
Annual Direct Costs: \$25,000

Colorado Clinical and Translational Sciences Institute
Role: co-Investigator

- CCTSI Participation in the National COVID Cohort Collaborative (N3C) Jul 2020-Apr 2021
NCATS 3UL1TR002535-03S2
Annual Direct Costs: \$64,188
National Center for Advancing Translational Sciences
Role: Site PI and Co-Director, N3C Clinical Scenarios and Analytics Subgroup
- Colorado Clinical and Translational Science Institute (CCTSI) May 2018-Apr 2023
NCATS UL1 TR002535
Annual Direct Costs: \$5,829,717
National Center for Advancing Translational Sciences
Role: Director, Informatics Core
- Interferon Hyperactivity, COVID19, and Down Syndrome Sept 2020-Mar 2024
NIAID 3R01AI150305-01S1
Annual Direct Costs: \$398,461
National Center for Allergy and Infectious Diseases
Role: co-Investigator

PRIOR GRANTS

- Decision Making about ICP Monitoring in Children with TBI Jul 2017-Jun 2019
Annual Direct Costs: \$150,000
Colorado Department of Human Services
Role: Principal Investigator
- Effectiveness of ICP Monitoring in Pediatric TBI Jul 2013-Apr 2019
NICHD K23 HD74620
Patient-Oriented Mentored Career Development Award (K23)
Annual Direct Costs: \$127,750
National Institute of Child Health and Human Development
Role: Principal Investigator
- Medical Needs of Children with TBI Jul 2017-Jun 2018
Annual Direct Costs: \$75,000
University of Colorado School of Medicine
Data Science to Patient Value Pilot Project Program
Role: Principal Investigator
- Approaches and Decisions for Acute Pediatric TBI (ADAPT) Oct 2014-Jun 2018
NINDS U01 NS081041
Annual Direct Costs: \$3,053,410
National Institute for Neurological Diseases and Stroke
Role: Site Primary Investigator (PI: Michael J. Bell)
Role: Member, Publications Committee, Jul 2015-Jul 2016

Role: Member, Steering Committee, Jul 2017-Jul 2018

- Pre-Hospital Care of Children with TBI Jan 2015-Dec 2015
Annual Direct Costs: \$73,981
Childress Institute for Pediatric Trauma
Role: Co-Investigator (PI: Lawrence J. Cook)
- Effectiveness of ICP Monitoring in Pediatric TBI Jan 2013-Jul 2013
NICHD K12 HD047349
Pediatric Critical Care and Trauma Scientist Development Program (K12)
Annual Direct Costs: \$127,750
National Institute of Child Health and Human Development
Role: K12 Scholar (PI: J. Michael Dean)
- Translational Comparative Effectiveness Research Nov 2010-Nov 2012
Mentored Scholars Program
NIH/NCI 1KM1CA156723
Role: Scholar (PI: Carrie L. Byington)
- Summer Medicine and Research Training Program May 1996-Aug 1996
Baylor College of Medicine, Houston, TX
Role: Research Assistant (PI: Dorothy E. Lewis)

OTHER
RESEARCH
ACTIVITIES

- Site Investigator, Primary Children's Hospital 2009-2013
Therapeutic Hypothermia After Cardiac Arrest (THAPCA) trials
- Site Investigator, Primary Children's Hospital 2010
Predictors of severe H1N1 infection in children presenting within
Pediatric Emergency Research Networks (PERN):
a retrospective case-control study
- Site Primary Investigator, Primary Children's Hospital 2011-2013
Prevalence of Acute critical Neurological disease in children:
a Global Epidemiological Assessment (PANGEA)
- Site co-Investigator, Children's Hospital Colorado 2016-2019
GM-CSF for Immunomodulation Following Trauma (GIFT 1):
a Collaborative Pediatric Critical Care Research Network (CPCCRN) study
- Member, Pediatric ARDS Common Data Element Steering Committee 2017-
Pediatric Acute Lung Injury and Sepsis Investigators
- Co-Lead, Analytics Team 2019-present
Society for Critical Care Medicine Pediatric Sepsis Task Force
- Co-Lead, Clinical Scenarios and Analytics Group 2020-present

PEER-REVIEWED
PUBLICATIONS

1. T. E. Lloyd, L. Yang, D. N. Tang, **T. Bennett**, W. Schober, and D. E. Lewis. Regulation of CD28 costimulation in human CD8+ T cells. *J Immunol*, 158(4):1551–1558, Feb 1997. PMID: 9029089.
2. **T. D. Bennett**, R. Kaufman, M. Schiff, C. Mock, and L. Quan. Crash analysis of lower extremity injuries in children restrained in forward-facing car seats during front and rear impacts. *J Trauma*, 61(3):592–7, Sep 2006. PMID: 16966993.
3. **T. D. Bennett**, M. B. Klein, M. D. Sorensen, A. J. De Roos, and F. P. Rivara. Influence of birth hospital on outcomes of ductal-dependent cardiac lesions. *Pediatrics*, 126(6):1156–64, Dec 2010. PMID: 21098152.
4. S. J. Gleich, **T. D. Bennett**, S. L. Bratton, and G. Y. Larsen. Pediatric trauma transport performance measures in a mountain state: adherence and outcomes. *J Trauma*, 71(4):1016–22, Oct 2011. PMID: 21336186.
5. **T. D. Bennett**, K. N. Hayward, R. W. D. Farris, S. Ringold, C. A. Wallace, and T. V. Brogan. Very high serum ferritin levels are associated with increased mortality and critical care in pediatric patients. *Pediatr Crit Care Med*, 12(6):e233–e236, Nov 2011. PMID: 21263363.
6. **T. D. Bennett**, K. D. Statler, E. K. Korgenski, and S. L. Bratton. Osmolar therapy in pediatric traumatic brain injury. *Crit Care Med*, 40(1):208–15, Jan 2012. PMCID: 3242905.
7. **T. D. Bennett**, J. Riva-Cambrin, H. T. Keenan, E. K. Korgenski, and S. L. Bratton. Variation in intracranial pressure monitoring and outcomes in pediatric traumatic brain injury. *Arch Pediatr Adolesc Med*, 166(7):641–7, Jul 1 2012. PMCID: 4547349.
8. **T. D. Bennett**, M. Fluchel, A. O. Hersh, K. N. Hayward, A. L. Hersh, T. V. Brogan, R. Srivastava, B. L. Stone, E. K. Korgenski, M. B. Mundorff, T. C. Casper, and S. L. Bratton. Macrophage activation syndrome in children with systemic lupus erythematosus and children with juvenile idiopathic arthritis. *Arthritis Rheum*, 64(12):4135–4142, Dec 2012. PMCID: 3505557.
9. S. R. Dalziel, J. M. Thompson, C. G. Macias, R. M. Fernandes, D. W. Johnson, Y. Waisman, N. Cheng, J. Acworth, J. M. Chamberlain, M. H. Osmond, A. Plint, P. Valerio, K. J. Black, E. Fitzpatrick, A. S. Newton, N. Kuppermann, T. P. Klassen, and the Pediatric Emergency Research Networks H1N1 Working Group (group authorship). Predictors of severe H1N1 infection in children presenting within Pediatric Emergency Research Networks (PERN): retrospective case-control study. *BMJ*, 347:f4836, 2013. PMID: 23940290.
10. **T. D. Bennett**, C. M. Niedzwecki, E. K. Korgenski, and S. L. Bratton. Initiation of Physical, Occupational, and Speech Therapy in Children With Traumatic Brain Injury. *Arch Phys Med Rehabil*, 94(7):1268–76, Jul 2013. PMCID: 4550591.

11. C. Stockmann, K. Ampofo, A. L. Hersh, **T. D. Bennett**, R. Boulton, P. Plant, C. L. Byington, and A. T. Pavia. Local Health Department Influenza Surveillance Estimates and Projections of Peak Pediatric Intensive Care Unit Occupancy During the 2009 Influenza A Pandemic. *J Pediatric Infect Dis Soc*, 2(4):405–406, Dec 2013. PMID: 26619507.
12. C. L. Freeman, **T. D. Bennett**, T. C. Casper, G. Y. Larsen, A. Hubbard, J. Wilkes, and S. L. Bratton. Pediatric and neonatal extracorporeal membrane oxygenation: does center volume impact mortality?. *Crit Care Med*, 42(3):512–519, Mar 2014. PMCID: 4548884.
13. K. Liesemer, J. Riva-Cambrin, K. S. Bennett, S. L. Bratton, H. Tran, R. R. Metzger, and **T. D. Bennett**. Use of Rotterdam CT scores for mortality risk stratification in children with traumatic brain injury. *Pediatr Crit Care Med*, 15(6):554–562, Jul 2014. PMCID: 4087067.
14. **T. D. Bennett**, M. C. Spaeder, R. I. Matos, R. S. Watson, K. V. Typpo, R. G. Khemani, S. Crow, B. D. Benneyworth, R. R. Thiagarajan, J. M. Dean, B. P. Markovitz, and the Pediatric Acute Lung Injury and Sepsis Investigators (PALISI) Network. Existing data analysis in pediatric critical care research. *Front Pediatr*, 2:79, 2014. PMCID: 4114296.
15. **T. D. Bennett**, S. L. Bratton, J. Riva-Cambrin, E. R. Scaife, M. L. Nance, J. S. Prince, J. Wilkes, and H. T. Keenan. Cervical spine imaging in hospitalized children with traumatic brain injury. *Pediatr Emerg Care*, 31(4):243–249, Apr 2015. PMCID: 4544867.
16. **T. D. Bennett**, J. M. Dean, H. T. Keenan, M. H. McGlinchey, A. M. Thomas, and L. J. Cook. Linked Records of Children with Traumatic Brain Injury. Probabilistic Linkage without Use of Protected Health Information. *Methods Inf Med*, 54(4), May 2015. PMCID: 4545607.
17. M. M. Cirulis, M. T. Hamele, C. R. Stockmann, **T. D. Bennett**, and S. L. Bratton. Comparison of the New Adult Ventilator-Associated Event Criteria to the Centers for Disease Control and Prevention Pediatric Ventilator-Associated Pneumonia Definition (PNU2) in a Population of Pediatric Traumatic Brain Injury Patients. *Pediatr Crit Care Med*, 17(2):157–164, Feb 2016. PMCID: 4740240.
18. D. S. Tawfik, **T. D. Bennett**, B. Welch, and W. B. Poss. Use of high-frequency percussive ventilation and high-frequency oscillatory ventilation in the pediatric intensive care unit. *J Pediatr Intensive Care*, 05(01):12–20, March 2016.
19. R. C. Sanders, Jr, S. T. Nett, K. F. Davis, M. M. Parker, G. K. Bysani, M. Adu-Darko, G. L. Bird, I. M. Cheifetz, A. T. Derbyshire, G. Emeriaud, J. S. Giuliano, Jr, A. L. Graciano, Y. Hagiwara, G. Hefley, T. Ikeyama, J. D. Jarvis, P. Kamat, A. S. Krishna, A. Lee, J. H. Lee, S. Li, K. Meyer, V. L. Montgomery, Y. Nagai, M. Pinto, K. J. Rehder, O. Saito, A. N. Sheno, H. C. Taekema, K. M. Tarquinio, A. E. Thompson, D. A. Turner, V. M. Nadkarni, A. Nishisaki, and the National Emergency Airway Registry for Children (NEAR4KIDS) Investigators and the Pediatric Acute Lung Injury and Sepsis Investigators Network (group authorship).

- Family Presence During Pediatric Tracheal Intubations. *JAMA Pediatr*, 170(3):e154627, Mar 2016. PMID: 26954533.
20. M. Hamele, C. Stockmann, M. Cirulis, J. Riva-Cambrin, R. Metzger, **T. D. Bennett**, and S. L. Bratton. Ventilator-Associated Pneumonia in Pediatric Traumatic Brain Injury. *J Neurotrauma*, 33(9):832–839, May 2016. PMID: 4939445.
 21. G. Y. Larsen, M. Schober, A. Fabio, S. R. Wisniewski, M. J. C. Grant, N. Shafi, **T. D. Bennett**, D. Hirtz, and M. J. Bell. Structure, Process, and Culture Differences of Pediatric Trauma Centers Participating in an International Comparative Effectiveness Study of Children with Severe Traumatic Brain Injury. *Neurocrit Care*, 24(3):353–360, Jun 2016. PMID: 4884520.
 22. J. E. Kurz, S. M. Poloyac, N. S. Abend, A. Fabio, M. J. Bell, M. S. Wainwright, and the Investigators for the Approaches and Decisions in Acute Pediatric TBI Trial (group authorship). Variation in Anticonvulsant Selection and Electroencephalographic Monitoring Following Severe Traumatic Brain Injury in Children—Understanding Resource Availability in Sites Participating in a Comparative Effectiveness Study. *Pediatr Crit Care Med*, 17(7):649–657, Jul 2016. PMID: 5189641.
 23. C. E. Capitena, H. J. Wagoner, C. M. Ruzas, **T. D. Bennett**, P. R. Baker, 2nd, J. L. Jung, and J. D. Weisfeld-Adams. Rapid resolution of infantile lipemia retinalis following exchange transfusion. *Journal of inherited metabolic disease*, 39:889–890, Nov 2016. PMID: 27518769.
 24. **T. D. Bennett**, R. R. Dixon, C. Kartchner, P. E. DeWitt, Y. Sierra, D. Ladell, A. Kempe, D. K. Runyan, J. M. Dean, and H. T. Keenan. Functional Status Scale in Children With Traumatic Brain Injury: A Prospective Cohort Study. *Pediatr Crit Care Med*, 17:1147–1156, Dec 2016. PMID: 5138132.
 25. K. S. Bennett, P. E. DeWitt, N. Harlaar, and **T. D. Bennett**. Seizures in Children With Severe Traumatic Brain Injury. *Pediatr Crit Care Med*, 18:54–63, Jan 2017. PMID: 5218863.
 26. P. E. DeWitt and **T. D. Bennett**. Collaborative Reproducible Reporting: Git Submodules as a Data Security Solution. *Proceedings of the 10th International Joint Conference on Biomedical Engineering Systems and Technologies (conference paper)*, February 2017. DOI: 10.5220/0006109302300235.
 27. M. E. Hartman, M. J. Saeed, **T. Bennett**, K. Typo, R. Matos, and M. A. Olsen. Readmission and Late Mortality After Critical Illness in Childhood. *Pediatr Crit Care Med*, 18:e112–e121, Mar 2017. PMID: 5336515.
 28. C. M. Ruzas, P. E. DeWitt, K. S. Bennett, K. E. Chapman, N. Harlaar, and **T. D. Bennett**. EEG Monitoring and Antiepileptic Drugs in Children with Severe TBI. *Neurocritical care*, 26:256–266, Apr 2017. PMID: 5336463.
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