

Dmitry Tumin, PhD – Curriculum Vitae

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Professional Positions

- 2018- Research Associate Professor and Director of Academic Affairs
 Department of Pediatrics
 Brody School of Medicine at East Carolina University, Greenville, North Carolina
- 2020- Educational Research Associate
 Division of Academic Affairs
 Brody School of Medicine at East Carolina University, Greenville, North Carolina
- 2020- Affiliate Faculty
 Department of Sociology
 East Carolina University, Greenville, North Carolina
- 2017-18 Research Assistant Professor
 Department of Pediatrics
 The Ohio State University College of Medicine, Columbus, Ohio
- 2017-18 Director of Research
 Department of Anesthesiology and Pain Medicine
 Nationwide Children's Hospital, Columbus, Ohio
- 2015-17 Adjunct Assistant Professor
 Department of Pediatrics
 The Ohio State University College of Medicine, Columbus, Ohio
- 2015-17 Research Scientist
 Department of Anesthesiology and Pain Medicine
 Nationwide Children's Hospital, Columbus, Ohio

Education

- 2015 PhD, Sociology, The Ohio State University
- 2011 MA, Sociology, The Ohio State University
- 2009 BA, Sociology and Economics, University of Virginia

Funding

- 2016-17 Co-investigator, “Can postoperative outcomes be predicted from asking OSA screening questions pre-operatively?” (PI: Raman VT)
Society of Anesthesia and Sleep Medicine Research Grant
- 2016-17 Co-investigator, “Implications of the Lung Allocation Score in prioritizing critically ill patients for lung transplantation” (PI: Hayes D Jr)
American College of Chest Physicians
GlaxoSmithKline Distinguished Scholar in Respiratory Health
- 2016-17 Consultant, “Statewide System Reform Program: Feasibility of evaluation by propensity score matching”
Supreme Court of Ohio.
- 2015 Instructor, “Adult Medicaid Quality Training Grant”
Ohio Department of Medicaid.

Peer-Reviewed Publications

1. **Tumin D**, Crowley E, Li SS, Wooten W, Ren CL, Hayes D Jr. Patterns of health insurance coverage and lung disease progression in adolescents and young adults with cystic fibrosis. *Annals of the American Thoracic Society*. (In Press).
2. Curtis SF, **Tumin D**, Greene F, Spain D, Higginson A. Bilirubin turn-around time in an outpatient pediatric clinic: improving efficiency of time-sensitive lab results. *American Journal of Medical Quality*. (In Press).
3. Khawaja AA, **Tumin D**, Beltran RJ, Tobias JD, Uffman JC. Incidence and causes of adverse events in diagnostic radiological studies requiring anesthesia in the Wake-Up Safe registry. *Journal of Patient Safety*. (In Press).
4. Kocher KR, **Tumin D**, Lehmann AG, Gomez Mendez LM. Identification of hypertension in hospitalized children prescribed as-needed antihypertensive medication. *Journal of Clinical Hypertension*. (In Press).
5. Byerly T, Buckman C, **Tumin D**, Bear K. Prematurity and breastfeeding initiation: A sibling analysis. *Acta Paediatrica*. (In Press).
6. Clary K, Cortright L, **Tumin D**, Buckman C, Eldridge D. Primary care use and assessment of adolescents’ sexual health during hospitalization. *Hospital Pediatrics*. (In Press).
7. Patel K, Cortright L, **Tumin D**, Kohler JA. Fathers’ visitation of very low birthweight infants in the neonatal intensive care unit during the first week of life. *American Journal of Perinatology*. (In Press).

8. Powers SA, Taylor K, **Tumin D**, Kohler JA Sr. Measuring parental presence in the neonatal intensive care unit: A review. *American Journal of Perinatology*. (In Press).
9. Memarian S, Pawlowski C, **Tumin D**, Jose F, Jamison S. Primary care pediatricians' use of specialty referrals in treating children with chronic abdominal pain. *International Journal of Adolescent Medicine and Health*. (In Press).
10. Sarathy B, Morris H, **Tumin D**, Buckman C. The impact of medical financial hardship on children's health. *Clinical Pediatrics*. (In Press).
11. Watson S, Stine F, **Tumin D**, Stiles K. Employment and well-being among caregivers of children with autism spectrum disorder. *Children's Health Care*. (In Press).
12. Campbell KM, Corral I, Infante Linares JL, **Tumin D**. The projected impact of closed historically black medical schools on underrepresented minority medical graduates. *JAMA Network Open*. (In Press).
13. Campbell KM, Lancaster KD, Averett PE, **Tumin D**, Bright CM. Characteristics of medical school applicants: a single institution study. *Family Medicine*. (In Press).
14. De Avila C, Andrews B, Buckman C, **Tumin D**, Ledoux M. Household drug abuse in pediatric admissions for non-accidental trauma. *Child Abuse and Neglect*. (In Press).
15. Hakim M, Miller R, Hakim M, **Tumin D**, Tobias JD, Jatana KR, Raman VT. Comparison of the Fitbit Charge and polysomnography for measuring sleep quality in children with sleep disordered breathing. *Minerva Pediatrica*. (In Press).
16. Beamon B, Cortright L, Pawlowski C, Vasquez-Rios V, **Tumin D**. Communication between primary care pediatricians and pediatric emergency department. *Pediatric Emergency Care*. (In Press).
17. Kinlaw S, Dailey M, Scott D, Hanchey S, **Tumin D**, Higginson A. Improved physical exam documentation in a pediatric after-hours clinic. *American Journal of Medical Quality*. (In Press).
18. White J, Morris H, Cortright L, Buckman C, **Tumin D**, Jamison S. Concordance of data on children's unmet health care needs between two national surveys. *Journal of Public Health Management & Practice*. (In Press).
19. Havinga J, Williams A, Hassan N, Moore S, Dollhopf E, **Tumin D**, Akpan US. Individualized fluid management in extremely preterm neonates to ensure adequate diuresis without increasing adverse complications. *Journal of Perinatology*. (In Press).

20. McRea A, Moore B, Morris H, Cortright L, Buckman C, **Tumin D**, Baker KD. Human papillomavirus vaccine series completion: Comparison of four clinics in an academic medical center. *International Journal of Adolescent Medicine and Health*. (In Press).
21. Sethi J, Bugaiski A, Patel KN, Wille KM, Qureshi MR, Banday MM, Ling M, Emani V, **Tumin D**, Weill D, Hayes D Jr, Sharma NS. Recipient age impacts long-term survival in adult cystic fibrosis subjects after lung transplantation. *Annals of the American Thoracic Society*. (In Press).
22. **Tumin D**, Akpan U, Kohler JA Sr, Uffman JC. Publication bias among conference abstracts reporting on pediatric quality improvement projects. *American Journal of Medical Quality*. 2020;35:274-80.
23. **Tumin D**, Frech A, Lynch JL, Raman VT, Bhalla T, Tobias JD. Weight gain trajectory and pain interference in young adulthood: Evidence from a longitudinal birth cohort study. *Pain Medicine*. 2020;21:439-47.
24. **Tumin D**, Kroeger RA. Private health insurance coverage in same-sex couples after Obergefell v. Hodges. *LGBT Health*. 2020;7:264-70.
25. Campbell KM, **Tumin D**. The HBCU medical school visiting professorship: A new approach for supporting professional development of underrepresented minority faculty. *Journal of Immigrant and Minority Health*. 2020;22:221-2.
26. Campbell KM, **Tumin D**, Heath M. Increasing the workforce of Family Medicine physicians: a community-focused approach. *Southern Medical Journal*. 2020;113:148-9.
27. Havinga J, **Tumin D**, Peedin L. Birth weight gradient in parent-reported special health care needs among children born preterm. *Journal of Pediatrics*. 2020;217:73-8.
28. Pfaff KE, **Tumin D**, Miller R, Beltran RJ, Tobias JD, Uffman JC. Perioperative aspiration events in children: A report from the Wake-Up Safe Collaborative. *Pediatric Anesthesia*. 2020;30:660-6.
29. Zhang Z, **Tumin D**. Expected social support and recovery of functional status after heart surgery. *Disability and Rehabilitation*. 2020;42:1167-72.
30. Braxton MM, Infante Linares J, **Tumin D**, Campbell KM. Scholarly productivity of faculty in primary care roles related to tenure versus non-tenure tracks. *BMC Medical Education*. 2020;20:174.
31. Buckman C, Diaz AL, **Tumin D**, Bear K. Parity and the association between maternal socio-demographic characteristics and breastfeeding. *Breastfeeding Medicine*. 2020;15:443-52.

32. Campbell KM, Hudson B, **Tumin D**. Releasing the net to promote minority faculty success in academic medicine. *Journal of Racial and Ethnic Health Disparities*. 2020;7:202-6.
33. Campbell KM, Infante Linares JL, **Tumin D**, Faison K, Heath MN. The role of medical schools in producing primary care physicians for the state of North Carolina. *Journal of Primary Care and Community Health*. 2020;11: 2150132720924263.
34. Cortright L, Buckman C, **Tumin D**, Holder D, Leonard S. Social determinants of health and emergency department use among children with sickle cell disease. *Journal of Pediatric Hematology and Oncology*. 2020;42:e42-5.
35. Parker C, Wall B, **Tumin D**, Stanley R, Warren L, Deal K, Stroud T, Crickmore K, Ledoux M. Care coordination program for children with complex chronic conditions discharged from a rural tertiary-care hospital. *Hospital Pediatrics*. 2020;10:687-93.
36. Poola S, Jampala N, **Tumin D**, Ali E. Factors influencing inpatient colonoscopy bowel preparation quality. *Minerva Gastroenterologica e Dietologica*. 2020;66:194-200.
37. Romnek MJ, Diefenbach K, **Tumin D**, Tobias JD, Kim S, Thung A. Postoperative clinical course and opioid consumption following repair of congenital diaphragmatic hernia: open versus thoracoscopic techniques. *Journal of Laparoscopic and Advanced Surgical Techniques*. 2020;30:590-5.
38. Akateh C, Miller R, Beal EW, **Tumin D**, Tobias JD, Hayes D Jr, Black SM. County rankings have limited utility when predicting liver transplant outcomes. *Digestive Diseases and Sciences*. 2020;65:104-10.
39. Balaban O, Hakim M, Walia H, **Tumin D**, Lind M, Tobias JD. A comparison of direct laryngoscopy and videolaryngoscopy for endotracheal intubation by inexperienced users: a pediatric manikin study. *Pediatric Emergency Care*. 2020;36:169-72.
40. Boppana S, Miller R, Wrona A, **Tumin D**, Wrona S, Smith T, Bhalla T, Kim S, Tobias JD. Barriers to outpatient pediatric chronic pain clinic participation among referred patients. *Clinical Pediatrics*. 2020;59:859-64.
41. Buckman C, Liu IC, Cortright L, **Tumin D**, Syed S. The influence of local political trends on childhood vaccine completion in North Carolina. *Social Science & Medicine*. 2020;260:113187.
42. Kamata M, Hakim M, Walia H, **Tumin D**, Tobias JD. Changes in cerebral and renal oxygenation during laparoscopic pyloromyotomy. *Journal of Clinical Monitoring and Computing*. 2020;34:699-703.

43. Sarno LA, Cortright L, Stanley T, **Tumin D**, Li J, Sang C. Clinical and socioeconomic predictors of work participation in adults with congenital heart disease. *Cardiology in the Young*. 2020;30:1081-5.
44. Yamaguchi Y, Burrier C, Roth C, **Tumin D**, Beal EW, Washburn K, Hayes D Jr, Tobias JD. Sequential versus combined heart-liver transplantation in the USA. *Digestive Diseases and Sciences*. 2020;65:2427-32.
45. Alsuehmani M, Sims T, Hansen JK, Hakim M, Walia H, Miller R, **Tumin D**, Tobias JD. Heart rate changes following the administration of sugammadex in children: a prospective, observational study. *Journal of Anesthesia*. 2020;34:238-42.
46. **Tumin D**, Miller R, Hakim M, Shafy SZ, Drees D, Wrona S, Smith TP, Tobias JD, Bhalla T. Predictors of referral to a pediatric outpatient chronic pain clinic. *Clinical Journal of Pain*. 2019;35:205-11.
47. **Tumin D**, Miller R, Raman VT, Uffman JC, Tobias JD. Patterns of health insurance discontinuity and children's access to health care. *Maternal and Child Health Journal*. 2019;23:667-77.
48. Datz H, **Tumin D**, Miller R, Smith TP, Bhalla T, Tobias JD. Pediatric chronic pain and caregiver burden in a national survey. *Scandinavian Journal of Pain*. 2019;19:109-16.
49. Koppert T, **Tumin D**, Tobias JD, Raman VT. Cost containment in the operating room utilizing incentivized strategies to reduce healthcare cost. *Pediatric Quality & Safety*. 2019;4:e190.
50. Miller R, **Tumin D**, Cooper J, Hayes D Jr, Tobias JD. Prediction of mortality following pediatric heart transplant using machine learning algorithms. *Pediatric Transplantation*. 2019;23:e13360.
51. Miller R, **Tumin D**, Hayes D Jr, Uffman JC, Raman VT, Tobias JD. Unmet need for care coordination among children with special health care needs. *Population Health Management*. 2019;22:255-61.
52. Stevens J, **Tumin D**, Shaffer K, Bickman L, Hoagwood K, Hayes D Jr. Are there missed opportunities to maximize organ donation registrations? An examination of driver license applications across the United States. *Progress in Transplantation*. 2019;29:173-8.
53. Uffman JC, **Tumin D**, Beltran RJ, Tobias JD. Severe outcomes of pediatric perioperative adverse events occurring in operating rooms compared to off-site anesthetizing locations in the Wake-Up Safe Database. *Pediatric Anesthesia*. 2019;29:38-43.
54. Balaban O, Walia H, **Tumin D**, Bhalla T, Tobias JD. Efficacy of rapid fluid administration using various setups and devices. *Pediatric Emergency Care*. 2019;35:539-43.

55. Beal EW, Akateh C, **Tumin D**, Baganate F, Black SM, Washburn K, Azouley D, Pawlik TM. Defining a liver transplant benefit threshold for the Model for End-stage Liver Disease-Sodium score. *Experimental and Clinical Transplantation*. 2019;18:491-7.
56. Hubbard R, Miller R, **Tumin D**, Tobias JD, Hayes D Jr. Transplant outcomes for idiopathic pulmonary hypertension in children. *Journal of Heart and Lung Transplantation*. 2019;38:580-1.
57. Izquierdo M, Marion C, **Tumin D**, Bowling MR, Ortega VE. The clinical and research utility of bronchoscopy in cystic fibrosis. *Clinical Pulmonary Medicine*. 2019;26:76-81.
58. Li SS, Miller R, **Tumin D**, Stewart WCL, Tobias JD, Hayes D Jr. Lung Allocation Score thresholds prioritize survival after lung transplantation. *CHEST*. 2019;156:64-70.
59. McKee C, Martin DP, **Tumin D**, Tobias JD. Cardiac risk factors and complications after spinal fusion for idiopathic scoliosis in children. *Journal of Surgical Research*. 2019;234:184-9.
60. Miketic RM, Uffman J, **Tumin D**, Tobias JD, Raman VT. Experience with combining pediatric procedures into a single anesthetic. *Pediatric Quality and Safety*. 2019;4:e207.
61. Pawlowski C, Buckman C, **Tumin D**, Smith AW, Crotty J. National trends in pediatric headache and associated functional limitations. *Clinical Pediatrics*. 2019;58:1502-8.
62. Rossfeld ZM, Miller R, **Tumin D**, Tobias JD, Humphrey LM. Implications of pediatric palliative consultation for intensive care unit stay. *Journal of Palliative Medicine*. 2019;22:790-6.
63. Hakim M, Anderson BJ, Walia H, **Tumin D**, Michalsky MP, Syed A, Tobias JD. Acetaminophen pharmacokinetics in severely obese adolescents and young adults. *Pediatric Anesthesia*. 2019;29:20-6.
64. Raman VT, Geyer E, Miller R, **Tumin D**, Splaingard M, Jatana KR, Tobias JD. Pediatric obstructive sleep apnea screening questionnaire and post-operative outcomes: A prospective observational study. *International Journal of Pediatric Otorhinolaryngology*. 2019;127:109661.
65. Ramirez A, Mohan S, Miller R, **Tumin D**, Uffman JC, Tobias JD. Surface contamination in the operating room: use of adenosine triphosphate monitoring. *Journal of Anesthesia*. 2019;33:85-9.
66. Shafy SZ, Hakim M, Kamata M, **Tumin D**, Krishna SG, Naguib A, Tobias JD. Intracuff pressure during one-lung ventilation in infants and children. *Journal of Pediatric Surgery*. 2019;54:1929-32.

67. Wakimoto M, Miller R, Shafy SZ, **Tumin D**, Veneziano G, Tobias JD. Safety of same-day discharge compared to overnight observation following laparoscopic appendectomy in the pediatric-aged patient. *Journal of Laparoscopic and Advanced Surgical Techniques*. 2019;29:965-9.
68. Cartabuke RS, Anderson BJ, Elmaraghy C, Rice J, **Tumin D**, Tobias JD. Hemodynamic and pharmacokinetic analysis of oxymetazoline use during nasal surgery in children. *The Laryngoscope*. 2019;129:2775-81.
69. Geyer ED, Walia H, Syed F, Hakim M, **Tumin D**, Tobias JD, Moharir A. The impact of transport modality on efficiency of simulated neonatal endotracheal intubation. *Simulation in Healthcare*. 2019;14:307-11.
70. Rossfeld ZM, Miller R, Fosselman DD, Ketner AR, **Tumin D**, Tobias JD, Humphrey LM. Timing of palliative consultation for children during a fatal illness. *Hospital Pediatrics*. 2019;9:373-8.
71. Kedir H, Miller R, Syed F, Hakim M, Walia H, **Tumin D**, McKee C, Tobias JD. Association between anemia and postoperative complications in infants undergoing pyloromyotomy. *Journal of Pediatric Surgery*. 2019;54:2075-9.
72. Chou H, Groh J, Nicholson K, Krivchenia K, Hayes D Jr, Tobias JD, **Tumin D**. Education and employment after lung transplantation in adolescents and young adults. *Progress in Transplantation*. 2019;29:73-7.
73. Gushue C, Miller R, Sheikh S, Allen ED, Tobias JD, Hayes D Jr, **Tumin D**. Gaps in health insurance coverage and emergency department use among children with asthma. *Journal of Asthma*. 2019;56:1070-8.
74. Kopp BT, Thompson R, Kim J, Konstan R, Diaz A, Smith B, Shrestha C, Rogers LK, Hayes D Jr, **Tumin D**, Woodley FW, Ramilo O, Sanders DB, Groner JA, Mejias A. Secondhand smoke alters arachidonic acid metabolism and inflammation in infants and children with cystic fibrosis. *Thorax*. 2019;74:237-46.
75. Hayes D Jr, Wilson KC, Krivchenia K, Hawkins SMM, Balfour-Lynn IM, Gozal D, Panitch HB, Splaingard ML, Rhein LM, Kurland G, Abman SH, Hoffman TM, Carroll CL, Cataletto ME, **Tumin D**, Oren E, Martin RJ, Baker J, Porta GR, Kaley D, Gettys A, Deterding RR. Home oxygen therapy for children. An official American Thoracic Society clinical practice guideline. *American Journal of Respiratory and Critical Care Medicine*. 2019;199:e5-23.
76. **Tumin D**. Does marriage protect health? A birth cohort comparison. *Social Science Quarterly*. 2018;99:626-43.

77. **Tumin D**, Drees D, Miller R, Wrona S, Hayes D Jr, Tobias JD, Bhalla T. Health care utilization and costs associated with pediatric chronic pain. *The Journal of Pain*. 2018;19:973-82.
78. **Tumin D**, Jackson E, Hayes D Jr. Medicaid expansion and chronic obstructive pulmonary disease among low-income adults in the United States. *Clinical Respiratory Journal*. 2018;12:1398-1406.
79. **Tumin D**, Menegay M, Shrider EA, Nau M, Tumin R. Local income inequality, individual socioeconomic status, and adults' unmet healthcare needs in Ohio, USA. *Health Equity*. 2018;2:37-44.
80. **Tumin D**, Raman VT, Tobias JD. Insurance coverage and acute care revisits after pediatric ambulatory tonsillectomy. *Clinical Pediatrics*. 2018;57:821-6.
81. **Tumin D**, Zheng H. Do the health benefits of marriage depend on the likelihood of marriage? *Journal of Marriage and Family*. 2018;80:622-36.
82. Akateh C, **Tumin D**, Beal EW, Mumtaz K, Tobias JD, Hayes D Jr, Black SM. Change in health insurance coverage after liver transplantation can be associated with worse outcomes. *Digestive Diseases and Sciences*. 2018;63:1463-72.
83. Beal EW, **Tumin D**, Chakedis J, Porter E, Moris D, Zhang X, Abdel-Misih S, Dillhoff M, Manilchuk A, Cloyd J, Schmidt CR, Pawlik TM. Identification of patients at high risk for post-discharge venous thromboembolism after hepato-pancreato-biliary surgery: Which patients benefit from extended thromboprophylaxis? *HPB*. 2018;20:621-30.
84. Beal EW, **Tumin D**, Chakedis J, Porter E, Moris D, Zhang X, Arnold M, Harzman A, Husain S, Schmidt CR, Pawlik TM. Which patients require extended thromboprophylaxis after colectomy? Modeling risk and assessing indications for post-discharge pharmacoprophylaxis. *World Journal of Surgery*. 2018;42:2242-51.
85. Beal EW, **Tumin D**, Kabir A, Moris D, Zhang X, Chakedis J, Pawlik TM. Cohort contributions to race- and gender-specific trends in the incidence of hepatocellular carcinoma in the USA. *World Journal of Surgery*. 2018;42:835-40.
86. Beal EW, **Tumin D**, Sobotka L, Tobias JD, Hayes D Jr, Pawlik TM, Washburn WK, Mumtaz K, Conteh L, Black SM. Patients from Appalachia have reduced access to liver transplantation after wait-listing. *Progress in Transplantation*. 2018;28:305-13.
87. Drees D, **Tumin D**, Miller R, Kirkby S, Bhalla T, Tobias JD, Hayes D Jr. Chronic opioid use and clinical outcomes in lung transplant recipients: A single center cohort study. *Clinical Respiratory Journal*. 2018;12:2446-53.

88. Froysheter AB, **Tumin D**, Whitaker EE, Martin DP, Hakim M, Walia H, Bhalla T, Tobias JD. Changes in tissue and cerebral oxygenation following spinal anesthesia in infants. *Journal of Anesthesia*. 2018;32:288-92.
89. Geyer ED, **Tumin D**, Miller R, Cartabuke RS, Tobias JD. Progress to publication of survey research presented at anesthesiology society meetings. *Pediatric Anesthesia*. 2018;28:857-63.
90. Khalfoun S, **Tumin D**, Ghossein M, Lind M, Hayes D Jr, Kirkby S. Improved lung function after sinus surgery in cystic fibrosis patients with moderate obstruction. *Otolaryngology-Head and Neck Surgery*. 2018;158:381-5.
91. Krivchenia K, **Tumin D**, Nemastil CJ, Tobias JD, Hayes D Jr. Timing of spirometry may impact hospital length of stay for cystic fibrosis pulmonary exacerbation. *Lung*. 2018;196:207-11.
92. Li SS, **Tumin D**, Krone KA, Boyer D, Kirkby SE, Mansour HM, Hayes D Jr. Risks associated with lung transplantation in cystic fibrosis patients. *Expert Review of Respiratory Medicine*. 2018;12:893-904.
93. McKee C, **Tumin D**, Alevriadou BR, Nicol KK, Yates AR, Hayes D Jr, Tobias JD. Age-dependent association between pre-transplant blood transfusion and outcomes of pediatric heart transplantation. *Pediatric Cardiology*. 2018;39:743-8.
94. Miller R, **Tumin D**, Tobias JD, McKee C. Estimating surgical risk in younger and older children with congenital heart disease. *Journal of Surgical Research*. 2018;232:298-307.
95. Rossfeld ZM, **Tumin D**, Humphrey LM. Self-assessment of skills and competencies among residents participating in a pediatric hospice and palliative medicine elective rotation. *Journal of Palliative Medicine*. 2018;21:223-35.
96. Thung A, **Tumin D**, Uffman JC, Tobias JD, Buskirk T, Garrett W, Karczewski A, Saadat H. The utility of the modified Yale Preoperative Anxiety Scale for predicting success in pediatric patients undergoing magnetic resonance imaging without the use of sedation or anesthesia. *Journal of the American College of Radiology*. 2018;15:1232-7.
97. Trifa M, **Tumin D**, Tobias JD. Dexmedetomidine as an adjunct for caudal anaesthesia and analgesia: a systematic review. *Minerva Anestesiologica*. 2018;84:836-47.
98. Trifa M, **Tumin D**, Whitaker EE, Jayanthi VR, Tobias JD. Spinal anesthesia for surgery longer than 60 min in infants: experience from the first 2 years of a spinal anesthesia program. *Journal of Anesthesia*. 2018;22:637-40.
99. Winch PD, **Tumin D**, Moore J, Vizzini SJ, Berman DP, Naguib AN. Pediatric pulmonary artery rehabilitation: A review of our experience and a novel approach using bronchial blockers. *Pediatric Cardiology*. 2018;39:1236-41.

100. Baganate F, Beal EW, **Tumin D**, Azoulay D, Mumtaz K, Black SM, Washburn K, Pawlik TM. Early mortality after liver transplantation: Defining the course and the cause. *Surgery*. 2018;164:694-704.
101. Barry N, Uffman JC, **Tumin D**, Tobias JD. Preliminary indications for the use of sugammadex after its addition to a formulary at a tertiary care children's hospital. *Journal of Pediatric Pharmacology and Therapeutics*. 2018;23:48-53.
102. Frech A, Natale G, **Tumin D**. Couples' employment after spousal kidney donation. *Social Work in Health Care*. 2018;57:880-9.
103. Geyer ED, Burrier C, **Tumin D**, Hayes D Jr, Black SM, Washburn WK, Tobias JD. Outcomes of domino liver transplantation compared to deceased donor liver transplantation: a propensity-matching approach. *Transplant International*. 2018;31:1200-6.
104. Greathouse KC, Sakellaris KT, **Tumin D**, Katsnelson J, Tobias JD, Hayes D Jr, Yates AR. Impact of early initiation of enteral nutrition on survival during pediatric ECMO. *Journal of Parenteral and Enteral Nutrition*. 2018;42:205-11.
105. Morrison AK, Gowda C, **Tumin D**, Phelps CM, Hayes D Jr, Tobias JD, Gajarski RJ, Nandi D. Pediatric marginal donor hearts: Trends in US national use, 2005-2014. *Pediatric Transplantation*. 2018;22:e13216.
106. Qian Z, Lichter DT, **Tumin D**. Divergent pathways to assimilation? Local marriage markets and intermarriage among U.S. Hispanics. *Journal of Marriage and Family*. 2018;80:271-88.
107. Cartabuke R, Rice J, Tobias JD, **Tumin D**. Current perioperative care of infants with pyloric stenosis: Comparison of survey results. *Journal of Surgical Research*. 2018;223:244-50.
108. Frech A, Natale G, Hayes D Jr, **Tumin D**. Marital status and return to work after living kidney donation. *Progress in Transplantation*. 2018;28:226-30.
109. Hodge AB, Deitemyer MA, Duffy VL, **Tumin D**, Garbin DA, Nicol KK, Hayes D Jr, Cismowski MJ, Yates AR. Plasma free hemoglobin generation using the EOS PMP™ oxygenator and the CentriMag® blood pump. *Journal of Extracorporeal Technology*. 2018;50:94-8.
110. Miller R, Akateh C, Thompson N, **Tumin D**, Hayes D Jr, Black SM, Tobias JD. County socioeconomic characteristics and pediatric renal transplantation outcomes. *Pediatric Nephrology*. 2018;33:1227-34.

111. Syed F, Trifa M, Uffman JC, **Tumin D**, Tobias JD. Monitoring of sugammadex dosing at a large tertiary care pediatric hospital. *Pediatric Quality and Safety*. 2018;3:e113.
112. Ho C, Hayes D Jr, Khosravi M, Splaingard ML, **Tumin D**, Lloyd EA. Sedation with propofol for bronchoscopy in cystic fibrosis lung transplant recipients. *Lung*. 2018;196:435-9.
113. Hodge AB, Joy BF, Cox VK, Naguib AN, **Tumin D**, Galantowicz ME. There's an app for that: Improving communication during pediatric cardiothoracic surgery. *Pediatric Quality and Safety*. 2018;3:e055.
114. Li SS, Hayes D Jr, Tobias JD, Morgan WJ, **Tumin D**. Health insurance and use of recommended routine care in adults with cystic fibrosis. *Clinical Respiratory Journal*. 2018;12:1981-8.
115. Shah SZ, Pouch SM, Keller BC, Pope-Harman A, **Tumin D**. Outcomes from bacteremic donors in lung transplantation. *Journal of Heart and Lung Transplantation*. 2018;37:302-4.
116. Veneziano G, Martin DP, Beltran R, Barry N, **Tumin D**, Burrier C, Klingele K, Bhalla T, Tobias JD. Dexamethasone as an adjuvant to femoral nerve blockade in the pediatric population: A prospective, randomized, double-blind, placebo-controlled trial. *Regional Anesthesia and Pain Medicine*. 2018;43:438-44.
117. Wani TM, Buchh B, AlGhamdi FS, Jan R, **Tumin D**, Tobias JD. Tracheobronchial angles in children: Three-dimensional computed tomography-based measurements. *Pediatric Anesthesia*. 2018;28:463-7.
118. Doyle S, Hayes D Jr, Stewart WCL, Whitson BA, Tobias JD, **Tumin D**. Predictive utility of Lung Allocation Score for re-transplantation outcomes. *Annals of Thoracic Surgery*. 2018;106:1525-32.
119. Hayes D Jr, Splaingard ML, Cardamone S, Rohrbach R, Klima J, Tobias JD, **Tumin D**. Duration of home oxygen therapy in young children enrolled in an accountable care organization. *Annals of the American Thoracic Society*. 2018;15:891-3.
120. Wani TM, AlAhdal AM, Hakim M, Hussein T, Mir AB, Jan R, **Tumin D**, Tobias JD. Volume relationships between cricoid and main stem bronchi in children using three-dimensional computed tomography imaging. *International Journal of Pediatric Otorhinolaryngology*. 2018;107:127-30.
121. Wani T, Beltran R, Veneziano G, AlGhamdi F, Azzam H, Akhtar N, **Tumin D**, Majid Y, Tobias JD. Dura to spinal cord distance at different vertebral levels in children and its implications on epidural analgesia; a retrospective MRI-based study. *Pediatric Anesthesia*. 2018;28:338-41.

122. Wani TM, Hakim M, Ramesh A, Rehman S, Majid Y, Miller R, **Tumin D**, Tobias JD. Risk factors for post-induction hypotension in children presenting for surgery. *Pediatric Surgery International*. 2018;12:1333-8.
123. Bush B, Tobias JD, Lin C, Ruda J, Jatana KR, Essig G, Cooper J, **Tumin D**, Elmaraghy CA. Postoperative bradycardia following adenotonsillectomy in children: Does intraoperative administration of dexmedetomidine play a role? *International Journal of Pediatric Otorhinolaryngology*. 2018;104:210-5.
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127. **Tumin D**, Chou H, Hayes D Jr, Tobias JD, Galantowicz M, McConnell PI. Employment after heart transplantation among adults with congenital heart disease. *Congenital Heart Disease*. 2017;12:794-9.
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130. **Tumin D**, King A, Walia H, Tobias JD, Raman VT. Discontinuous insurance coverage predicts prolonged hospital stay after pediatric adenotonsillectomy. *Journal of Surgical Research*. 2017;218:86-91.
131. **Tumin D**, Li SS, Kopp BT, Kirkby SE, Tobias JD, Morgan WJ, Hayes D Jr. The effect of the Affordable Care Act dependent coverage provision on patients with cystic fibrosis. *Pediatric Pulmonology*. 2017;52:458-66.

132. **Tumin D**, Li SS, Nandi D, Gajarski RJ, McKee CM, Tobias JD, Hayes D Jr. Health insurance coverage among young adult survivors of pediatric heart transplantation. *Journal of Pediatrics*. 2017;188:82-6.
133. **Tumin D**, McConnell PI, Galantowicz M, Tobias JD, Hayes D Jr. Reported non-adherence to immunosuppressive medication in young adults after heart transplantation: A retrospective analysis of a national registry. *Transplantation*. 2017;101:421-9.
134. **Tumin D**, Qian Z. Unemployment and the transition from separation to divorce. *Journal of Family Issues*. 2017;38:1389-413.
135. **Tumin D**, Walia H, Raman VT, Tobias JD. Acute care revisits after adenotonsillectomy in a pediatric Medicaid population in Ohio. *International Journal of Pediatric Otorhinolaryngology*. 2017;94:17-22.
136. Beal EW, **Tumin D**, Kabir A, Moris D, Zhang X, Chakedis J, Washburn K, Black S, Schmidt CM, Pawlik TM. Trends in the mortality of hepatocellular carcinoma in the United States. *Journal of Gastrointestinal Surgery*. 2017;21:2033-8.
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139. Hayes D Jr, **Tumin D**, Budev MM, Tobias JD, St. John RC, Kukreja J. Adverse outcomes associated with pulmonary hypertension in chronic obstructive pulmonary disease after bilateral lung transplantation. *Respiratory Medicine*. 2017;128:102.
140. Hayes D Jr, **Tumin D**, Foraker RE, Tobias JD. Posttransplant lymphoproliferative disease and survival in adult heart transplant recipients. *Journal of Cardiology*. 2017;69:144-8.
141. Hayes D Jr, **Tumin D**, Frazier W. Children with refractory ARDS. *Pediatric Pulmonology*. 2017;52:1249.
142. Hsieh A, **Tumin D**, McConnell PI, Galantowicz M, Tobias JD, Hayes D Jr. Transplant centers' influence on survival outcomes of heart transplantation for children bridged with mechanical circulatory support. *Pediatric Cardiology*. 2017;38:280-8.
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146. Uffman JC, **Tumin D**, Raman VT, Thung AK, Adler B, Tobias JD. Magnetic resonance imaging utilization and the associated use of sedation and anesthesia in a pediatric accountable care organization. *Journal of the American College of Radiology*. 2017;14:924-40.
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151. Balaban O, Kamata M, Hakim M, **Tumin D**, Tobias JD. The effect of esophagogastroduodenoscopy probe insertion on the intracuff pressure of airway devices in children during general anesthesia. *Journal of Anesthesia*. 2017;31:278-81.
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153. Hayes D Jr, Hartwig MG, Tobias JD, **Tumin D**. Lung transplant center volume ameliorates adverse influence of prolonged ischemic time on mortality. *American Journal of Transplantation*. 2017;17:218-26.
154. Hodge A, Cohen A, Winch P, **Tumin D**, Burnside J, Ratliff T, Galantowicz M, Naguib A. The effect of autologous blood priming on cerebral oximetry in congenital cardiac surgery patients. *Journal of Extracorporeal Technology*. 2017;49:168-73.

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161. Beltran R, Veneziano G, Bhalla T, Kenney B, **Tumin D**, Bissonnette B, Tobias JD. Postoperative pain management in patients undergoing thoracoscopic repair of pectus excavatum: A retrospective analysis of opioid consumption and adverse effects in adolescents. *Saudi Journal of Anesthesia*. 2017;11:427-31.
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163. Krishna SG, Hakim M, Sebastian R, Dellinger HL, **Tumin D**, Tobias JD. Cuffed endotracheal tubes in children: the effect of the size of the cuffed endotracheal tube on intracuff pressure. *Pediatric Anesthesia*. 2017;27:494-500.
164. Sheikh SI, Hayes D Jr, Kirkby SE, Tobias JD, **Tumin D**. Age-dependent gender disparities in post-lung transplant survival among patients with idiopathic pulmonary fibrosis. *Annals of Thoracic Surgery*. 2017;103:441-6.

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167. Hayes D Jr, Kopp BT, Sheikh SI, Shell RD, Paul GR, Tobias JD, **Tumin D**. Pre-transplant panel reactive antibodies and lung transplant outcomes in children. *The Thoracic and Cardiovascular Surgeon*. 2017;65:36-42.
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169. Hayes D Jr, Sweet SC, Benden C, Kopp BT, Goldfarb SB, Visner GA, Mallory GB, Tobias JD, **Tumin D**. Transplant center volume and outcomes in lung transplantation for cystic fibrosis. *Transplant International*. 2017;30:371-7.
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177. Hakim M, **Tumin D**, Martin DP, Samora W, Beebe AC, Klamar JE, Hodge AB, Tobias JD. Changes in cerebral oxygenation during transfusion therapy. *Journal of Extracorporeal Technology*. 2016;48:173-8.
178. Han S, **Tumin D**, Qian Z. Gendered transitions to adulthood by college field of study in the United States. *Demographic Research*. 2016;35:929-60.
179. Hayes D Jr, **Tumin D**, Daniels CJ, McCoy KS, Mansour HM, Tobias JD, Kirkby S. Pulmonary artery pressure and benefit of lung transplantation in adult cystic fibrosis patients. *Annals of Thoracic Surgery*. 2016;101:1104-9.
180. Hayes D Jr, **Tumin D**, Kopp BT, Tobias JD, Kirkby SE. Influence of graft ischemic time on survival in children with cystic fibrosis after lung transplantation. *Pediatric Pulmonology*. 2016;51:908-13.
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182. Hayes D Jr, **Tumin D**, Tobias JD. Pre-transplant panel reactive antibody and survival in adult cystic fibrosis patients after lung transplantation. *Lung*. 2016;194:429-35.
183. Krivchenia K, **Tumin D**, Tobias JD, Hayes D Jr. Diminished survival on the lung transplant waitlist among adults with cystic fibrosis enrolled in Medicaid. *Lung*. 2016;194:799-806.
184. McKee C, **Tumin D**, Hayes D Jr, Tobias JD. The impact of length and weight on survival after heart transplantation in children less than 24 months of age. *Pediatric Transplantation*. 2016;20:1098-105.
185. Balaban O, Walia H, **Tumin D**, Jatana KR, Raman VT, Tobias JD. Assessment of adenotonsillar size and caregiver-reported sleep symptoms among 3-6 year old children undergoing adenotonsillectomy. *International Journal of Pediatric Otorhinolaryngology*. 2016;91:43-8.
186. Black SM, Woodley FW, **Tumin D**, Mumtaz K, Whitson BA, Tobias JD, Hayes D Jr. Cystic fibrosis associated with worse survival after liver transplantation. *Digestive Diseases and Sciences*. 2016;61:1178-85.

187. Hayes D Jr, Reynolds SD, **Tumin D**. Outcomes of lung transplantation for primary ciliary dyskinesia and Kartagener syndrome. *Journal of Heart and Lung Transplantation*. 2016;35:1377-8.
188. Hayes D Jr, Tobias JD, **Tumin D**. Center volume and extracorporeal membrane oxygenation support at lung transplantation in the lung allocation score era. *American Journal of Respiratory and Critical Care Medicine*. 2016;194:317-26.
189. Raman VT, Splaingard M, **Tumin D**, Rice J, Jatana KR, Tobias JD. Utility of screening questionnaire, obesity, neck circumference, and sleep polysomnography to predict sleep disordered breathing in children and adolescents. *Pediatric Anesthesia*. 2016;26:655-64.
190. Saadat H, Bissonnette B, **Tumin D**, Thung A, Rice J, Barry N, Tobias JD. Time to talk about work hour impact on anesthesiologists: the effects of sleep deprivation on Profile of Mood States and cognitive tasks. *Pediatric Anesthesia*. 2016;26:66-71.
191. Krivchenia K, Hayes D Jr, Tobias JD, **Tumin D**. Long-term work participation among lung transplant recipients with cystic fibrosis. *Journal of Cystic Fibrosis*. 2016;15:846-9.
192. Hayes D Jr, Glanville AR, McGiffin D, Tobias JD, **Tumin D**. Age-related survival disparity associated with lung transplantation in cystic fibrosis: An analysis of the registry of the International Society for Heart and Lung Transplantation. *Journal of Heart and Lung Transplantation*. 2016;35:1108-15.
193. Hayes D Jr, Joy BF, Reynolds SD, Tobias JD, **Tumin D**. Influence of graft ischemic time and geographic distance between donor and recipient on survival in children after lung transplantation. *Journal of Heart and Lung Transplantation*. 2016;35:1220-6.
194. Nau M, Shrider EA, Tobias JD, Hayes D Jr, **Tumin D**. High local unemployment rates limit work after lung transplantation. *Journal of Heart and Lung Transplantation*. 2016;35:1212-9.
195. Winch PD, Staudt AM, Sebastian R, Corridore M, **Tumin D**, Simsic J, Galantowicz M, Naguib A, Tobias JD. Learning from experience: Improving early tracheal extubation success after congenital cardiac surgery. *Pediatric Critical Care Medicine*. 2016;17:630-7.
196. Hayes D Jr, McConnell PI, Yates AR, Tobias JD, Galantowicz M, **Tumin D**. Induction immunosuppression for combined heart-lung transplantation. *Clinical Transplantation*. 2016;30:1332-9.
197. Hayes D Jr, Kopp BT, Kirkby SE, Reynolds SD, Mansour HM, Tobias JD, **Tumin D**. Impact of donor arterial partial pressure of oxygen on outcomes after lung transplantation in adult cystic fibrosis patients. *Lung*. 2016;194:547-53.

198. **Tumin D**, Han S, Qian Z. Estimates and meanings of marital separation. *Journal of Marriage and Family*. 2015;77:313-23.
199. Zheng H, **Tumin D**. Variation in the effects of family background and birth region on adult obesity: results of a prospective cohort study of a Great Depression-era American cohort. *BMC Public Health*. 2015;15:535.
200. Lichter DT, Qian Z, **Tumin D**. Whom do immigrants marry? Emerging patterns of intermarriage and integration in the United States. *ANNALS of the American Academy of Political and Social Science*. 2015;662:57-78.
201. Hayes D Jr, Kopp BT, Tobias JD, Woodley FW, Mansour HM, **Tumin D**, Kirkby S. Survival in patients with advanced non-cystic fibrosis bronchiectasis vs. cystic fibrosis on the waitlist for lung transplantation. *Lung*. 2015;193:933-8.
202. Zheng H, **Tumin D**, Qian Z. Obesity and mortality risk: new findings from BMI trajectories. *American Journal of Epidemiology*. 2013;178:1591-9.
203. Nau M, **Tumin D**. Wealth transfer receipt and later life wealth. *Research in Social Stratification and Mobility*. 2012;30(3):233-45.

Non-Peer Reviewed Publications

1. **Tumin D**. Health insurance and children's survival after cancer diagnosis: Mediation or confounding? *International Journal of Epidemiology*. (In Press).
2. **Tumin D**, Buckman C, Kuehn D, Higginson JD. Blending research support and mentorship to foster scholarly activity at a resource-limited institution. *Paediatrics & Child Health*. (In Press).
3. **Tumin D**. Patient-centered interventions and the need for patient-centered outcomes. *Progress in Transplantation*. 2020;30:75.
4. **Tumin D**, Bhalla T. Identifying opioid misuse among adolescents: Is the answer hiding in plain sight? *Preventive Medicine*. 2020;131:105950.
5. **Tumin D**, Nandi D, Hayes D Jr. Propensity score matching and proportional hazard models: Which is best to understand heart re-transplantation outcomes? *Journal of Heart and Lung Transplantation*. 2020;39:284.
6. **Tumin D**, Tobias JD. Comment on: "Race/ethnicity and sex both affect opioid administration in the emergency room." *Anesthesia & Analgesia*. 2019;128:e79.
7. **Tumin D**, Tobias JD. The peer review process. *Saudi Journal of Anaesthesia*. 2019;13:S52-8.

8. **Tumin D**, Black SM, Hayes D Jr, Tobias JD. Self-management and liver allograft rejection in adolescence and beyond. *Journal of Pediatrics*. 2018;195:307.
9. **Tumin D**, Foraker RE, Hayes D Jr, Tobias JD. Community social deprivation and solid organ transplant outcomes. *American Journal of Transplantation*. 2018;18:1572-3.

Selected Presentations

- 2019 **Tumin D**. Scholarly publishing in pediatrics.
Grand Rounds, Department of Pediatrics, East Carolina University.
- 2019 Buckman C, **Tumin D**. Birth weight gradient in parent-reported special health care needs among children born preterm.
Pediatric Academic Societies Annual Meeting, Baltimore, MD.
- 2019 Jersak T, **Tumin D**, Fosselman D, Testa M, Noritz G, Humphrey L. Defining end-stage gastrointestinal failure in patients with neurologic impairment.
Pediatric Academic Societies Annual Meeting, Baltimore, MD.
- 2019 Frech A, Tarrence J, Natale G, **Tumin D**. Ventricular assist device technology and fundamental causes of Black-White disparities on the heart transplant wait list.
Population Association of America Annual Meeting, Austin, TX.
- 2019 **Tumin D**, Frech A, Lynch J, Raman VT, Bhalla T, Tobias JD. Weight gain trajectory and pain interference in young adulthood.
Society for Pediatric Anesthesia Annual Meeting, Houston, TX.
- 2018 **Tumin D**. Identifying and predicting adverse events in large data sets.
Resident lecture series, Department of Pediatrics, East Carolina University.
- 2018 **Tumin D**, Shrider EA, Kosla MT, Nau M. Community socioeconomic status and surgical quality metrics.
American Sociological Association Annual Meeting, Philadelphia, PA.
- 2018 **Tumin D**. Analysis of surgical outcomes in clustered data.
Stata Conference, Columbus, OH.
- 2018 Frech A, **Tumin D**, Natale G. Dyadic determinants of recipient and donor employment after spousal kidney donation.
Population Association of America Annual Meeting, Denver, CO.
- 2018 Zhang Z, **Tumin D**. Expected social support and recovery of functional status after heart surgery.
Population Association of America Annual Meeting, Denver, CO.

- 2018 **Tumin D**, Drees D, Miller R, Wrona S, Tobias JD, Bhalla T. Health care utilization among children with chronic pain.
Society for Pediatric Anesthesia Annual Meeting, Phoenix, AZ.
- 2018 **Tumin D**. Social determinants of health and surgical quality metrics.
Department of Anesthesiology, University of Michigan, Ann Arbor, MI.
- 2017 **Tumin D**. Tracking social determinants of health in electronic hospital records.
Data Science Journal Club, Nationwide Children's Hospital, Columbus, OH.
- 2017 **Tumin D**. Outcomes of discontinuity in children's health insurance coverage.
Institute for Population Research, The Ohio State University, Columbus, OH.
- 2017 **Tumin D**, Hayes D Jr. Ohio Solid Organ Transplantation Research Network.
Ohio Solid Organ Transplantation Consortium (OSOTC) Professional Transplant Symposium, Columbus, OH.
- 2017 **Tumin D**. Introduction to clinical research.
Grand Rounds, Department of Anesthesiology and Pain Medicine, Nationwide Children's Hospital.
- 2017 Frech A, Natale V, Hayes D Jr., **Tumin D**. Marital status and return to work after living kidney donation.
Population Association of America Annual Meeting, Chicago, IL.
- 2017 **Tumin D**, King A, Walia H, Tobias JD, Raman V. Discontinuous insurance coverage predicts prolonged hospital stay after pediatric adenotonsillectomy.
Society for Pediatric Anesthesia Annual Meeting, Austin, TX.
- 2017 **Tumin D**. Work after lung transplantation.
Lung Transplant Research Group, Comprehensive Transplant Center, The Ohio State University.
- 2016 Han S, **Tumin D**, Qian Z. Gendered transitions to adulthood by college field of study.
American Sociological Association Annual Meeting, Seattle, WA.
- 2016 **Tumin D**. Basics of statistical analysis for clinical research.
Grand Rounds, Department of Anesthesiology and Pain Medicine, Nationwide Children's Hospital.
- 2016 **Tumin D**, Hayes D Jr. Lung transplantation in high-volume centers.
Division of Pulmonary, Allergy, Critical Care & Sleep Medicine Research Conference, Department of Internal Medicine, The Ohio State University.
- 2015 **Tumin D**. Marital status disparities in smoking, 1993-2012.
American Sociological Association Annual Meeting, Chicago, IL.

- 2014 **Tumin D**, Han S, Qian Z. Meanings and measures of marital separation.
Population Association of America Annual Meeting, Boston, MA.
- 2014 **Tumin D**, Zheng H. Propensity to marry and heterogeneity in health benefits of marriage.
Population Association of America Annual Meeting, Boston, MA.
- 2013 **Tumin D**, Tumin R. Vulnerability to health insurance loss in the Great Recession.
American Sociological Association Annual Meeting, New York, NY.
- 2013 **Tumin D**. Period trends in US marital health gaps, 1995-2010.
Population Association of America Annual Meeting, New Orleans, LA.
- 2012 **Tumin D**, Tumin R, Nau M. Food spending and household health.
Population Association of America Annual Meeting, San Francisco, CA.
- 2011 **Tumin, D**, Qian Z. Marital transitions and weight changes.
American Sociological Association Annual Meeting, Las Vegas, NV.
- 2010 **Tumin, D**. Marital dissolutions and midlife health.
American Sociological Association Annual Meeting, Atlanta, GA.

Teaching Experience

- 2019- Faculty preceptor, M3/M4 medical student research electives
Brody School of Medicine at East Carolina University
- 2019 Instructor, Fellowship lecture series on statistics and research design
Division of Neonatology, Department of Pediatrics, East Carolina University
- 2017-19 Co-instructor, Research Workshop
Society for Pediatric Pain Medicine Annual Meeting
- 2016 Instructor, Introduction to Statistics and Clinical Research Design
Department of Anesthesiology and Pain Medicine, Nationwide Children's Hospital
- 2015 Instructor, Propensity Score Matching
Ohio Department of Medicaid
- 2015 Instructor, Structural Equation Modeling for Public Health Practitioners
College of Public Health, The Ohio State University
- 2014 Instructor, Seminar on Stata Programming
Sociology Graduate Student Association, The Ohio State University

2013 Teaching Assistant, Structural Equation Modeling for Public Health Practitioners
College of Public Health, The Ohio State University

Advising Experience

2020 MA Thesis Committee Member
Jasmine Walker, BA
Sarah Watson, BA
Department of Sociology, East Carolina University

2020 Research Committee Member
Varsha Kapoor, DMD, MS
Linda-Brenda Wansi, DDS
School of Dental Medicine, East Carolina University

2016-18 Scholarly Oversight Committee Member
Katelyn Krivchenia, MD
Courtney Gushue, DO
Michelle Hjelm, MD
Section of Pulmonary Medicine, Nationwide Children's Hospital

Institutional Service

2020 Application Screening Committee Member
Brody School of Medicine at East Carolina University

2020 Faculty, Emergency Medicine Simulation Fellowship
Brody School of Medicine at East Carolina University

2019 Committee Member
Brody School of Medicine Strategic Planning Research Subcommittee

2019-20 Faculty Judge
East Carolina University Research & Creative Achievement Week

2018 Faculty Judge
The Ohio State University College of Medicine Trainee Research Day

2017-18 Application Screener
The Ohio State University College of Medicine

2017 Faculty Reviewer
Medical Student Research Scholarship Competition
The Ohio State University College of Medicine

2017 Abstract Reviewer
Hayes Graduate Research Forum, The Ohio State University

2015-17 Poster Presentation Judge
Undergraduate Research Forum, The Ohio State University

Professional Activities

2020 Invited Panelist
4th Annual Unified Quality Improvement Symposium
East Carolina University and Vidant Health

2017-19 Scientific Abstract Reviewer
Society for Pediatric Anesthesia Annual Meeting

2018 Session Presider
Sociology in Practice Settings Symposium
American Sociological Association Annual Meeting

2018 Invited Panelist
Ph.D. Market Options: Using Your Degree for Non-Academic, Private, or For-Profit
Job Opportunities
Southern Sociological Society 2018 Annual Meeting

2017-18 Committee Member
Planning Committee on “Sociologists in Practice Settings” Symposium
American Sociological Association

2017 Invited Panelist
Graduate Training in the Social and Behavioral Sciences Workshop
The National Academies of Sciences, Engineering, and Medicine

Memberships and Affiliations

2018 Core Faculty Affiliate
Center for Surgical Health Assessment, Research, and Policy
The Ohio State University College of Medicine

2017-18 Faculty Affiliate
Institute for Population Research
The Ohio State University

2017-19 Member
Society for Pediatric Anesthesia

2010- Member
American Sociological Association

2010- Member
Population Association of America

Editorial Board Service

2019- Editorial board member, *Journal of Marriage and Family*

2019-21 Associate Editor, *Progress in Transplantation*

Peer Review

1. *Advances in Therapy*
2. *American Journal of Preventive Medicine*
3. *American Journal of Public Health*
4. *American Journal of Transplantation*
5. *Annals of the American Thoracic Society*
6. *Children's Health Care*
7. *Clinical Nutrition*
8. *Clinical Obesity*
9. *Demographic Research*
10. *Demography*
11. *Ethnic and Racial Studies*
12. *Expert Opinion on Drug Safety*
13. *Expert Review of Neurotherapeutics*
14. *Health Equity*
15. *Health Policy*
16. *Heart and Vessels*
17. *International Journal for Quality in Health Care*
18. *International Journal of Pediatric Otorhinolaryngology*
19. *JAMA Network Open*
20. *Journal of Asthma*
21. *Journal of Clinical Anesthesia*
22. *Journal of Epidemiology & Community Health*
23. *Journal of Ethnic and Migration Studies*
24. *Journal of Family Issues*
25. *Journal of Health Care for the Poor and Underserved*
26. *Journal of Heart and Lung Transplantation*
27. *Journal of Infection and Public Health*
28. *Journal of Marriage and Family*
29. *Journal of Pain and Symptom Management*
30. *Journal of Pediatric Intensive Care*
31. *Journal of the National Medical Association*
32. *Liver Transplantation*

33. *Lung*
34. *Medical Care*
35. *Medical Education*
36. *Pain Medicine*
37. *Pediatric Pulmonology*
38. *Pediatric Quality & Safety*
39. *Pediatric Transplantation*
40. *Pediatrics*
41. *Pediatrics & Neonatology*
42. *Preventive Medicine*
43. *Social Science & Medicine*
44. *Social Science Quarterly*
45. *Social Science Research*
46. *Sociological Focus*
47. *Sociological Forum*
48. *The Sociological Quarterly*
49. *Surgery*
50. *Transplant International*
51. *Transplantation*
52. *Trends in Anaesthesia and Critical Care*
53. *Vaccine*
54. *World Journal of Emergency Medicine*