My work focuses on applications of health information technology in improving patient care by improving communication and coordination, reducing barriers to information, and automating low-value healthcare activities.
Publications

PUBLICATIONS

• Health information exchange policies of 11 diverse health systems and the associated impact on volume of exchange. *Journal of the American Medical Informatics Association*
  Downing, N. L., Adler-Milstein, J., Palma, J. P., Lane, S., Eisenberg, M., Sharp, C., Longhurst, C. A.
  2017; 24 (1): 113-122

• Electronic Health Record-Enabled Research in Children Using the Electronic Health Record for Clinical Discovery. *Pediatric clinics of North America*
  Sutherland, S. M., Kaelber, D. C., Downing, N. L., Goel, V. V., Longhurst, C. A.
  2016; 63 (2): 251-268

• Validation of Test Performance and Clinical Time Zero for an Electronic Health Record Embedded Severe Sepsis Alert. *Applied clinical informatics*
  Rolnick, J., Downing, N. L., Shepard, J., Chu, W., Tam, J., Wessels, A., Li, R., Dietrich, B., Rady, M., Castaneda, L., Shieh, L.
  2016; 7 (2): 560-572

• An Exponential Increase in Regional Health Information Exchange With Collaborative Policies and Technologies. *Studies in health technology and informatics*
  Downing, N. L., Lane, S., Eisenberg, M., Sharp, C., Palma, J., Longhurst, C.
  2015; 216: 931-?

• COMPARISON OF TREATMENT RESULTS BETWEEN ADULT AND JUVENILE NASOPHARYNGEAL CARCINOMA *INTERNATIONAL JOURNAL OF RADIATION ONCOLOGY BIOLOGY PHYSICS*
  Downing, N. L., Wolden, S., Wong, P., Petrik, D. W., Hara, W., Le. Q.
  2009; 75 (4): 1064-1070

• Framing physical activity as a distinct and uniquely valuable behavior independent of weight management: A pilot randomized controlled trial for overweight and obese sedentary persons *EATING AND WEIGHT DISORDERS-STUDIES ON ANOREXIA BULIMIA AND OBESITY*
  2009; 14 (2-3): E148-E152