William J. Baum, MS, APRN, FNP-BC, CNL

111 Lenox Ave, Apt. 4A, New York, NY 10016 * (978) 467-5622 (cell)
91 Russell St., Manchester, NH 03104 * wjbaum@gmail.com

EXPERIENCE   Years

Nurse Practitioner, QI Manager, Lamprey Health Care, Newmarket, NH   10/15 - Present
 * Family Nurse Practitioner, Primary Care Provider, Federally-Qualified Health Center
 * Led agency QI program, Medical Home projects (3 sites) - Level 3 NCQA Recognition
 * Developed and Directed new, revenue-producing Chronic Care Management program
 * Developed Population Health Program with Custom Integrated Analytics Platform
 * Preceptor for doctoral candidates in public health, multiple graduate nursing students

Independent Consultant, Cactus Consulting, Manchester, NH   1/10 - Present
 * Statistical Data Exploration and Analysis; Research and Quality Improvement
 * Machine Learning with Deep Healthcare Domain Knowledge
 * Automation of Statistical Reports with output as Dashboards and Applications
 * Large Data Projects with Scripted Data Preparation & Web scraping

Family Nurse Practitioner, Minute Clinic, CVS Caremark, Quincy, MA   7/14 - 6/15
 * Independent Practitioner in busy, urban, retail-health setting; DOT Medical Examiner
 * Achieved 110% expected production (RVUs) in first year of practice

Quality Program Manager, HealthFirst Family Care Center, Laconia, NH   5/12-6/13
 * Led adoption of Meaningful Use and Patient-Centered Medical Home initiatives
 * Promoted to senior management team; Managed $150,000 budget and 3 employees

Registered Nurse, Northern Arizona VA Medical Center, Prescott, AZ   1/11-1/12
 * Acute Care Registered Nurse (Medical Unit 4A), ACLS & BLS certified
 * Member of Evidence-Based Practice Council, and Research Journal Club

Emergency Medical Technician, Centre LifeLink EMS, State College, PA   5/07-1/09
 * EMT-Basic: provided 911 emergency medical care with ALS service
 * EMS Teaching Assistant: Trained EMT students at Northeastern & Penn State

EDUCATION   Graduation

Master of Science: Statistics, University of New Hampshire; 3.77 GPA   2018
 * Research Methods, Data Exploration, Survival, Six Sigma, Design of Experiments
 * Statistical Programming: R, JSL (JMP), Python, SAS, SQL, Bash, Linux
 * Graduate Certificate: Industrial Statistics; Member: American Statistical Association
 * Large data capstone: Developed ICU Readmission Prediction Tool - Top 20 Diagnoses

Post-Masters Certificate: Family Nurse Practitioner, University of New Hampshire 2013
 * Massachusetts General Hospital - Radiation Oncology & Pre-Anesthesia Testing
 * Lamprey, Belknap, Moultonboro Family Practices - Family Medicine

Master of Science: Nursing, Clinical Nurse Leader, University of New Hampshire 2010
 * Sigma Theta Tau (Eta Iota), Golden Key Honor Society, IHI Chapter Founder
 * Ethical Conduct of Research and Scholarly Activity course

Penn State University: University Park, PA; 3.75 GPA   2008
 * Bachelor of Arts: Russian, National Slavic Honor Society "Dobro Slovo"

PRESENTATIONS & PUBLICATIONS   Date

∗ First Reviewer: Journal of Nursing Measurement   2015 - 2018

* Invited Speaker, California Chapter, Clinical Nurse Leader Association   10/15/2015
    "Exploring and Predicting Readmissions: A Retrospective Review of Intensive
     Care Unit Admissions, Discharges, and Hospital Readmissions" (Baum)

* Invited Speaker, JMP Discovery Summit 2015   9/16/2015
    "Scraping Data from the Web to Predict Football Wins" (Baum)

* Invited Speaker, Small HCP QI Program Annual Meeting, ORHP: Bethesda, MD   5/30/2013
    "Data: A picture is worth a thousand words" (Baum)

* Invited Speaker, CNC Teleconference Series on Clinical Nurse Leader Role   11/18/2011
    "Clinical Nurse Leader Consulting" (Baum, DiNapoli)

* Poster Presenter, JMP Discovery Summit: Denver, Colorado   9/16/2011
    "JMP and Visual Six Sigma: A recipe for optimal healthcare outcomes" (Baum, Ramsey)

* Invited Speaker, Northern Arizona VA Medical Center: Prescott, AZ   8/2011
    "Implementation of the Clinical Nurse Leader role in the VA"

* Speaker, Mary Louise Fernald Nursing Research Symposium (UNH)   12/20/2010
    "Reducing chronic heart failure readmissions through quality management"

* Poster Presenter, Institute for Healthcare Improvement Conference   12/13/2010
    "Reducing chronic heart failure readmissions: A measurement systems analysis"