

Contact

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Top Skills

Social Impact

Business Insights

Population Health

Certifications

Certificate in Supply Chain Management - CPIM Part 1 Fellow Level Results

Green Belt

Honors-Awards

Emblemhealth Platinum Team Award

Michelle Parelius MPH

Senior Business Insights Leader ▶ Population Health ▶ Healthcare Informatics ▶ Data Management ▶ Clinical Analysis

New Brunswick

Summary

F & dedicated to improving communities by leveraging healthcare data. 20+ years' experience creating innovative approaches to quality of care using market research, claims analysis, and EMR/EHR information.

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As the Director of Population Health Analytics at RWJBarnabas, I utilize data storytelling, machine learning, decision trees, 3D geographic mapping, and clinical algorithms to help increase access and promote wellness for more than 3 million lives across 15 hospitals and 150+ medical groups.

Previously, I held data analysis and forecasting roles at other respected healthcare and pharma companies: EmblemHealth, HIP Health Plans, Sanofi Pharmaceuticals, Merck, UnitedHealth Group, and Aetna. My diverse experience allows me to balance policy-driven and qualitative roles with IT analytics and quantitative responsibilities.

Most important, I am invested in improving the quality and health of our communities. As the healthcare landscape evolves, I use data to help improve the chronic health issues daunting the global arena.

▶ & : Mentor and coach direct reports; provide professional development opportunities for advancement; recruit high-performing staff; and turnaround underperforming teams.

▶ & : Support NCQA and HEDIS assessments; improve audit metrics; and positively impact audit outcomes. Source, build, and monitor logic for upcoming audits.

- ▶ : Create improved data dashboards to inform policy, coverage, and network decisions; identify excess out-of-network spend to strategically contract providers; and support Care Management referrals.
- ▶ : Transition data systems across multiple institutions; create forecasting tools; improve processing exponentially; and automate reporting functions.
- ▶ : Possess deep knowledge of the claims adjudication process, including coding, payment methodologies, and large databases.

My heart and passion lie in highlighting and creating programs to help overcome socio-economic disparities in health, education, and employment. I get great satisfaction from making an impact on millions of patients every day.

Michelle Parelius

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Experience

RWJBarnabas Health

POPULATION HEALTH ANALYTICS DIRECTOR ▶ Data Architecture ▶ Data System Management ▶ Cost Savings

2019 - Present (1 year)

Somerset, NJ

I joined RWJBarnabas Health in 2019 as the Director of Population Health Analytics to develop the data architecture, design, and strategy for the division. I work with data from the Medicaid, Medicare, and commercial payers' populations and conduct quantitative analyses regarding healthcare delivery and quality of care throughout the system.

- ▶ Supported transition from 3 data systems across 11 hospitals into 1 EPIC system.
- ▶ Identified recapture opportunities for \$2M in healthcare system spend.

- ▶ Spearheaded first-ever collection of financial billing data to analyze patient histories and increase access.
 - ▶ Improved 18 of 20 audit measures in one year.
 - ▶ Turned around under-performing team.
 - ▶ Utilized machine learning, decision trees, and 3D geographic mappings to tell patient stories that informed policy and coverage decisions.
- ▶ Cost Savings, Data Transitions, Quantitative Analytics, Qualitative Analytics, Metric Analysis, Audit Dashboards, GPRO Audits, ACOs, Shared Services, Social Determinants Data, Claims Processing

Emblemhealth

CLINICAL INFORMATICS DIRECTOR & DIRECTOR OF MEDICAL ECONOMICS ▶ Medicaid Health Home ▶ Reporting

2011 - 2019 (8 years)

NYC, NY

I was recruited back to EmblemHealth to help build their Medicaid Health Home program infrastructure, which covered 250K insured patients and to analyze the company's cost utilization for 1M lives across the company's many platforms.

- ▶ Monitored data and defined the logic to support the Care Management referrals, which represented 1M lives within the HMO division.
 - ▶ Re-engineered processes to expand the monthly report output from 4 to 40+.
 - ▶ Earned the Platinum Team Award for automating reporting and providing timely information on 40 shared savings and ACOs.
- ▶ Data Quality Audits, Clinical Reporting, Logic Definition, Data Monitoring, Process Improvement, Medical Expense & Utilization, Risk Assessment

Sanofi Pharmaceuticals

FORECASTER & GLOBAL PARTNER ▶ Financial Reporting ▶ Pharmaceuticals ▶ Forecasting ▶ Product Research

2007 - 2010 (3 years)

Bridgewater, NJ, US

I worked at Sanofi, the 5th largest pharmaceutical company in the world (by sales) to support its Urologics and Injectables division. I also participated in the launch of the OAB pharma business.

- ▶ Generated monthly financial reports for the \$4B US portfolio.
 - ▶ Researched and evaluated product acquisition and business development opportunities.
 - ▶ Worked as part of an elite forecasting team to help drive worldwide sales.
- ▶ M&A Due Diligence, Market Research, Financial Reporting, Product Evaluation, Business Development, Market Readiness

EmblemHealth

MEDICAL & QUALITY INFORMATICS ▶ Medical Economic Analysis ▶ Software Training ▶ Fraud Prevention
 1998 - 2007 (9 years)
 NYC, NY

Merck

HEALTH MANAGEMENT FINANCE MANAGER ▶ Patient Assessment
 ▶ Pharmaceutical Data ▶ Healthcare Data
 1997 - 1998 (1 year)
 Kenilworth, NJ

UnitedHealth Group

INFORMATICS SPECIALIST – Specialty Management Group
 1996 - 1997 (1 year)

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Aetna

HEALTH ANALYST – Health Information Bureau
 1996 - 1996 (less than a year)
 Middletown, CT

Education

Massachusetts Institute of Technology
 Bachelor of Science - BS

Rutgers Business School
 Mini-MBA, MBA · (2011 - 2011)

Columbia University in the City of New York
 Master of Public Health - MPH, Epidemiology

