JOSE D. NOVA

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EDUCATION

Master of Science (M.S.) Biomedical Informatics, Rutgers University (formerly The University of Medicine and Dentistry of New Jersey) / School of Health Related Professions, Newark, NJ

Bachelor of Science (B.S.) Environmental and Business Economics, Rutgers University / School of Environmental and Biological Sciences, New Brunswick, NJ

PROFESSIONAL EXPERIENCE

Associate Director for Data & Analytics, **Rutgers Center for State Health Policy** (3/2018 - present) **New Brunswick, NJ**

- Established and manages the Data Analytics team, which consists of five FTEs and two part-time analysts. Supervises day-to-day responsibilities, as well as directs the broader project work of the team. Leads, coaches, and develops staff.
- Oversees the Center's data resources, including data acquisition, processing, analytics, data integration, and dissemination of results.
- Continued responsibility for developing and maintaining a comprehensive repository of NJ Medicaid claims and encounter data analytics, which contains over a billion records for over 4 million enrollees spanning more than a decade.
- Ongoing leadership of the data integration efforts for the Integrated Population Health Data (iPHD) project, linking health administrative data to support research projects that aim to improve the health, safety, and security of NJ residents.
- Served as a steering committee member of the NJ FamilyCare Perinatal Episode of Care Pilot and the Rutgers Data Acquisition Translation, and Action (DATA) committee.
- Recipient of the Institute for Health's inaugural Outstanding Staff Award, 2021

Senior Database Manager, **Rutgers Center for State Health Policy** (2/2016 – 3/2018)   **New Brunswick, NJ**

- Manages the Center's Medicaid claims and enrollment database. Provide analytic support to a wide range of Medicaid projects, including cancer studies, opioid and drug studies, children's services, and housing support services. Leadership over the process of receiving, extracting, processing, and troubleshooting the Medicaid claims data, which is used by the data team, CSHP faculty, and a growing number of Rutgers collaborators outside of the Center.
- Provides technical support for The New Jersey Integrated Population Health Data (iPHD) Project, which aims to link programmatic data across different service areas to promote and enable population health research to improve care. Develop data processing and security protocols for the planning of the iPHD project.
- Lead analyst in various studies, which involve the creation of complex patient risk variables and the development of instrumental variables used in statistical and econometric analysis.

Research Analyst, **Rutgers Center for State Health Policy** (7/2013 – 2/2016)   **New Brunswick, NJ**

- Generated analytic datasets and conducted statistical analysis of survey and health information data for health policy research. Aggregated and analyzed hospital claims data, including AHRQ's HCUP databases, AHA survey, and Uniform Billing data, EMS EMR, and statewide mortality data; responsible for constructing multi-state multi-year datasets, performing quality control, and resolving inconsistencies.
- Utilized and adapted AHRQ's Inpatient Quality & Patient Safety Indicator Software to create quality and project-specific measures; leveraged 3M software to create All Patient Refined DRGs to produce risk adjustors for data analysis.
- Delivered technical project support for policy studies, regarding the adoption and use of electronic health records in NJ. This was executed by interpreting technical articles, explaining characteristics of health information systems and meaningful use criteria, interviewing CIOs and IT professionals of NJ health care providers, and advising on effective survey content.
- Assembled data to analyze differences in NCQA's HEDIS measures between NJ commercial health plans for the state HMO Report Card, alerted client to data quality issues, as well as standardized and documented processes and programs.

Research Assistant, **Rutgers Center for State Health Policy** (6/2004 – 7/2013)   **New Brunswick, NJ**

- Prepared analytic data and conducted statistical analysis of survey and health information data for health policy research. Converted datasets to alternative data formats and developed recommendations toward efficiency and proper storage of data. Created and modified custom data entry interfaces using SPSS to input and store survey responses.

Assistant Lab Supervisor, **Rutgers University Computing Services** (9/2001 - 1/2005)   **New Brunswick, NJ**

- Supervised and evaluated a 60-person team of computer lab consultants and performed lab-site inspections. Trained consultants on university-wide software, customer service/support skills, and lab policies. Created software instructional tutorials that were made accessible online to the University community.

ADDITIONAL CITATIONS

1. Gaboda D, Schneider C, Nova J, Williams S. Technical Report on HEDIS Data Analysis, 2004. Part II Comprehensive Report. New Brunswick, NJ: Rutgers Center for State Health Policy; 2004 October 2004.

2. Gaboda D, Trail TE, Schneider C, Nova J. Technical Report on HEDIS Data Analysis, 2004. Part I: New Jersey HMO Performance Report Measures. Technical report. New Brunswick, NJ: Rutgers Center for State Health Policy; 2004 October 2004.

3. Chakravarty S, Gaboda D, DeLia D, Nova J, Cantor JC. Prescription Drug Coverage and Access among New Jersey Seniors after Implementation of Medicare Part D. AcademyHealth Annual Research Meeting 2012; June 25, 2012; Orlando, FL2012.

4. Office EIiNENP. NuFAQs (Nurse Faculty Query) [Website Application]. New Brunswick, NJ2012 [updated June 27, 2012. Available from: http://evaluatinginnovationsinnursing.org/nufaqs-nurse-faculty-data-query/.

5. Chakravarty S, Cantor JC, Tong J, DeLia D, Lontok O, Nova J. Hospital Utilization and Costs in Atlantic City-Pleasantville City. Data brief. New Brunswick, NJ: Rutgers Center for State Health Policy; 2013 March 2013.

6. Chakravarty S, Cantor JC, Tong J, DeLia D, Lontok O, Nova J. Hospital Utilization and Costs in Asbury Park City-Neptune Township. Data brief. New Brunswick, NJ: Rutgers Center for State Health Policy; 2013 March 2013.

7. Chakravarty S, Cantor JC, Tong J, DeLia D, Lontok O, Nova J. Hospital Utilization and Costs in Perth Amboy City-Hopelawn. Data brief. New Brunswick, NJ: Rutgers Center for State Health Policy; 2013 March 2013.

8. Chakravarty S, Cantor JC, Tong J, DeLia D, Lontok O, Nova J. Hospital Utilization and Costs in Jersey City-Bayonne City. Data brief. New Brunswick, NJ: Rutgers Center for State Health Policy; 2013 March 2013.

9. Chakravarty S, Cantor JC, Tong J, DeLia D, Lontok O, Nova J. Hospital Utilization and Costs in Vineland City-Millville City. Data brief. New Brunswick, NJ: Rutgers Center for State Health Policy; 2013 March 2013.

10. Chakravarty S, Cantor JC, Tong J, DeLia D, Lontok O, Nova J. Hospital Utilization and Costs in Paterson City-Passaic City-Clifton City. Data brief. New Brunswick, NJ: Rutgers Center for State Health Policy; 2013 March 2013.

11. Chakravarty S, Cantor JC, Tong J, DeLia D, Lontok O, Nova J. Hospital Utilization and Costs in Elizabeth City-Linden City-Winfield Township. Data brief. New Brunswick, NJ: Rutgers Center for State Health Policy; 2013 March 2013.

12. Chakravarty S, Cantor JC, Tong J, DeLia D, Lontok O, Nova J. Hospital Utilization and Costs in Plainfield City-North Plainfield Borough. Data Brief. New Brunswick, NJ: Rutgers Center for State Health Policy; 2013 March 2013.

13. Chakravarty S, Cantor JC, Tong J, DeLia D, Lontok O, Nova J. Hospital Utilization and Costs in the Union City Area. Data Brief. New Brunswick, NJ: Rutgers Center for State Health Policy; 2013 March 2013.

14. Chakravarty S, Cantor JC, Tong J, DeLia D, Lontok O, Nova J. Hospital Utilization and Costs in New Brunswick City-Franklin Township. Data brief. New Brunswick, NJ: Rutgers Center for State Health Policy; 2013 March 2013.

15. Chakravarty S, Cantor JC, Tong J, DeLia D, Lontok O, Nova J. Opportunities for Better Care and Lower Cost: Data Book on Hospital Utilization and Cost in Camden. New Brunswick, NJ: Rutgers Center for State Health Policy; 2013. p. Chartbook.

16. Chakravarty S, Cantor JC, Tong J, DeLia D, Lontok O, Nova J. Opportunities for Better Care and Lower Cost: Data Book on Hospital Utilization and Cost in Greater Newark. New Brunswick, NJ: Rutgers Center for State Health Policy; 2013.

17. Chakravarty S, Cantor JC, Tong J, DeLia D, Lontok O, Nova J. Opportunities for Better Care and Lower Cost: Data Book on Hospital Utilization and Cost in Trenton. New Brunswick, NJ: Rutgers Center for State Health Policy; 2013. p. Chartbook.

18. Chakravarty S, Cantor JC, Nova J, Park JD. Hospital Market Competition, Profitability and Distance Travelled by Patients. AcademyHealth Annual Research Meeting 2014; June 7, 2014; San Diego, CA2014.

19. Koller M, Pichardo M, Cantor JC, NJ State Innovation Model (SIM) Project Team. New Jersey State Health Innovation Plan. New Brunswick, NJ: Rutgers Center for State Health Policy; 2017 December 2017.

20. Cantor JC, Tiderington E, Chakravarty S, Nova J, DeLia D, Kelly T, et al. The Intersection of Homelessness and Medicaid: Preliminary Analysis and Research Plans for New Jersey. 2018 Corporation for Supportive Housing Summit; June 6; Los Angeles, CA2018.

21. DeLia D, Kumar R, Nova J, Lloyd K, Goldin D. Spending and Utilization Indicators in the New Jersey Medicaid ACO Demonstration Project. New Brunswick, NJ: Rutgers Center for State Health Policy; 2018 November 2018.

22. Tsui J, DeLia D, Nova J, Rotter D, Kulkarni A, Demissie K, et al. Primary Care Utilization, Late-Stage Diagnosis, and Timeliness of Treatment among Medicaid Cancer Patients: Early Signals following the ACA Expansion. Cancer Epidem Biomar. 2018;27(7 Suppl):48.

23. DeLia D, Nova J, Goldin D. Trends in the Supply, Utilization, and Payment for Primary Care Services in New Jersey FamilyCare before and after ACA Medicaid Expansion. New Brunswick, NJ: Rutgers Center for State Health Policy; 2019 February.

24. Tsui J, DeLia D, Stroup AM, Nova J, Kulkarni A, Ferrante JM, et al. Association of Medicaid Enrollee Characteristics and Primary Care Utilization with Cancer Outcomes for the Period Spanning Medicaid Expansion in New Jersey. Cancer. 2019;125(8):1330-40.

25. Cantor JC, Chakravarty S, Nova J, Kelly T, DeLia D, Tiderington E, et al. Medicaid Utilization and Spending among Homeless Adults in New Jersey: Implications for Medicaid-Funded Tenancy Support Services. The Milbank Quarterly. 2020;98(1):106-30.

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27. Yang A, Goldin D, Nova J, Malhotra J, Cantor JC, Tsui J. Racial Disparities in Health Care Utilization at the End of Life among New Jersey Medicaid Beneficiaries with Advanced Cancer. JCO Oncology Practice. 2020;16(6):e538-e48.

28. Chakravarty S, Lloyd K, Pizzi L, Palatucci J, Prioli KM, Farnham J, et al. A Final Evaluation of the New Jersey DSRIP Program: Assessing Program Impact on Outcomes and Cost-Effectiveness. New Brunswick, NJ: Rutgers Center for State Health Policy; 2021 [Under Review].

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30. Tsui J, Michael M, Koller M, Nova J, Davis SN, Carey PerezdeAlejo E, et al. Trends in Cancer Screening among Medicaid Enrollees in New Jersey: 2011–2017. New Brunswick, NJ: Rutgers Center for State Health Policy; 2021 May.

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32. Chakravarty S, Lloyd K, Farnham J, Pizzi L, Agrawal M, Nova J, et al. Examining the Effect of the NJ FamilyCare Comprehensive Demonstration on Access to Care, Quality, and Cost of Care: Draft Interim Evaluation Report. New Brunswick, NJ: Rutgers Center for State Health Policy; 2022 February.

32. DeLia D, Palatucci J, Mackie T, Chou J, Nova J, et al. Evaluation of the New Jersey Children's System of Care and its Promising Path to Success Initiative. New Brunswick, NJ: Rutgers Center for State Health Policy; 2022 June.