

JAY R. DESAI, PhD, MPH

EDUCATION

Doctor of Philosophy (Ph.D.), Epidemiology, University of Minnesota, School of Public Health, Minneapolis, MN, 2013. Dissertation: Dietary Assessment: Validating and Improving a 24-Hour Web Food Report Questionnaire.

Master of Public Health, Epidemiology, University of Minnesota, School of Public Health, Minneapolis, MN, 1998. Master's Project: The Minnesota Heart Health Program: Exposure to Cardiovascular Risk Factor Messages and Activities.

Bachelor of Arts, Biochemistry, Swarthmore College, Swarthmore, Pa., June 1988.

PROFESSIONAL EXPERIENCE

Research Fellow: HealthPartners Institute for Education and Research, February 2011 – current.

- 1) Develop, implement, analyze, and report results of stakeholder engagement process to identify patient-centered priority areas for future diabetes-related programs and research in partnership with patients, researchers, federal agencies, advocacy organizations, and health systems.
- 2) Design, implement, evaluate, and report on surveillance, observational, and intervention studies.
- 3) Address topics of: a) impact of gestational diabetes on maternal and child health, b) type 1 and type 2 diabetes in children, youth, and adults, c) pediatric and adult cardiovascular risk factors, including nutrition, physical activity, obesity, smoking, high blood pressure, high blood glucose, and high cholesterol, d) use of health information technology to improve care outcomes, and e) health care and outcome disparities among minority and underserved populations.
- 4) Expertise in developing and implementing surveys, working with large health systems and primary care clinics, analysis and interpretation of large electronic health data sets and with implementation and dissemination science.
- 5) Studies involve: a) original interview, focus group, and survey data collection, b) use of electronic medical records, c) use of outpatient, inpatient, and pharmacy claims (including Medicaid and Medicare data); d) use of vital records; and e) cost data.
- 6) Collaborate with over 50 investigators across multiple U.S. and Minnesota health care systems and insurers.
- 7) Specific projects include: a) Principal Investigator for evaluation of the Minnesota Incentives for Diabetes Prevention study conducted with the Minnesota Department of Health, Minnesota Department of Human Services, YMCA of the Greater Twin Cities, the Diabetes and Prevention Control Alliance, and 11 primary care health systems. The study is designed to test the effectiveness of financial incentives on participation and weight loss among 1,800 Medicaid beneficiaries with prediabetes or a history of gestational diabetes participating in the Diabetes Prevention Program; b) Investigator on SURveillance, PREvention, and ManagEment of Diabetes Mellitus (SUPREME-DM) and SUPREME-DM 2, an observational study examining over 1.2 million children, youth, and adults with diabetes or gestational diabetes across 11 U.S. health systems; c) Investigator on 'Priorities', a project to develop and implement a sophisticated point-of-care EHR-linked web-based clinical decision support system to reduce cardiovascular risk among 18,000 patients with moderate or high cardiovascular risk, and d) Involved in numerous other studies ranging from pediatric hypertension to cardiovascular care in patients with severe mental illness to using community-based participatory methods for improving primary care in underserved populations.

Research Scientist 3/Epidemiologist Senior, Minnesota Department of Health, Health Promotion and Chronic Disease, Center for Health Promotion, Diabetes Unit. June 1995 – January 2010.

- 1) Provided statewide leadership and technical expertise in developing, conducting, evaluating and disseminating county-level, state, and national data to support data-driven and evidence-based health programs, strategic planning, and policies in Minnesota and nationally.
- 2) Ensured and facilitated strong internal and external (local, State, and National) partnerships to leverage data capacity and programmatic use.
- 3) Convened and participated in statewide planning and data committees such as the Minnesota Diabetes Steering Committee, the Minnesota Diabetes Surveillance and Data Review Advisory Group, the Minnesota Institutional Review Board, and the American Indian Diabetes Prevention Task Force.
- 4) Provided leadership in developing Statewide and National stakeholder driven strategic planning initiatives for diabetes and diabetes prevention. That latter included being the Principal Investigator for two CDC and NACDD diabetes prevention grants (see below).
- 5) Principal Investigator for the CDC Diabetes Primary Prevention Initiative which included developing and using systems approaches and modeling to support strategic planning and policy initiatives for diabetes and diabetes prevention
- 6) Worked in content areas of diabetes, diabetes prevention, nutrition, physical activity, obesity, smoking, maternal and child health, gestational diabetes, cardiovascular disease, arthritis, and health disparities.
- 7) Gained experience in planning, developing, and working with a) vital records (birth and death records; infant mortality), b) national and local survey data such as BRFSS, PRAMS, Minnesota Healthy Eating Surveys, Minnesota Physical Activity Surveys, and SHAPE, c) Medicaid and Medicare claims data, d) Minnesota Hospital Discharge Data, and d) various alternative data sources such as Minnesota Driver's Licenses, Minnesota Community Measurement, Geographic Information Systems (GIS) and health system surveys.
- 8) Worked with Minnesota and CDC colleagues to develop PRAMS and BRFSS gestational diabetes survey measures.
- 9) Routinely prepared and disseminated information through presentations, reports, and peer-review publications to MDH programs, state agencies, state and national legislators, local public health, and community stakeholders.
- 10) Supported program evaluation in diabetes, obesity and health disparities.
- 11) Lead worker to Research Analysts.

SELECTED PUBLICATIONS and REPORTS

1. Gilmer T, O'Connor PJ, Schiff JS, Taylor G, Vazquez-Benitez G, Garrett JE, Vue-Her H, Rinn S, Anderson J, **Desai JR**. Cost Effectiveness of a Community Based Diabetes Prevention Program with Participation Incentives for Medicaid Beneficiaries. *Health Services Research* (revision under review).*
2. Young DR, Fischer H, Arterburn D, Bessesen D, Cromwell L, Daley MF, **Desai J**, Ferrara A, Fitzpatrick SL, Horberg MA, Koebnick C, Nau CL, Oshiro C, Waitzfelder B, Yamamoto A. Associations of Overweight/Obesity and Socioeconomic Status with Hypertension Prevalence Across Racial and Ethnic Groups. *J Clinical Hypertension* (in press).*
3. Harry ML, Saman DM, Allen CI, Ohnsorg KA, Sperl-Hillen J, O'Connor PJ, Ziegenfuss JY, Dehmer SP, **Desai JR**. Understanding Primary Care Provider Attitudes and Behaviors Regarding Cardiovascular Disease Risk and Diabetes Prevention. *Clinical Diabetes* (in press).*
4. Toh S, Rasmussen-Torvik LJ, Harmata EE, Pardee R, Saizan R, Malanga E, Sturtvant JL, Horgan CE, Anau J, Janning CD, Wellman RD, Coley RY, Cook AJ, Courcoulas AP, Coleman KJ, Williams NA, McTigue KM, Arterburn D, McClay J; **PCORnet Bariatric Surgery Collaborative**. The Nationals Patient-Centered Clinical Research Network (PCORnet) Bariatric Study Cohort: Rationale, Methods, and Baseline Characteristics. *JMIR Res Protoc*. 2017 Dec 5;6(12):e222. doi: 10.2196/resprot.8323.*

5. Karter AJ, Lipska KJ, O'Connor PJ, Liu JY, Moffet HH, Schroeder EB, Lawrence JM, Nichols GA, Newton KM, Pathak RD, **Desai J**, Waitzfelder B, Butler MG, Thomas A, Steiner JF; SUPREME-DM Study Group. J Diabetes Complications. 2017.02.009. Epub 2017 Feb 21.*
6. **Desai J**, Taylor G, Vazquez-Benitez G, Vine S, Anderson J, Garrett JE, Gilmer T, Vue-Her H, Schiff J, Rinn S, Engel K, Michael A, O'Connor PJ. Financial incentives for diabetes prevention in a Medicaid population: Study design and baseline characteristics. Contemp Clin Trials. 2017 Feb; 53: 1-10 doi:10.1016/j.cct.2016.11.007.*
7. Pathak RD, Schroeder EB, Seaquist ER, Zeng C, Lafata JE, Thomas A, **Desai J**, Waitzfelder B, Nichols GA, Lawrence JM, Karter AJ, Steiner JF, Segal J, O'Connor PJ; SUPREME-DM Study Group. Severe hypoglycemia requiring medical intervention in a large cohort of adults with diabetes receiving care in U.S. integrated health care delivery systems: 2005-2011. Diabetes Care. 2016 Mar;39 (3):363-70.
8. **Desai JR**, Vazquez-Benitez G, Xu Z, Schroeder EB, Karter AJ, Steiner JF, Nichols GA, Reynolds K, Xu S, Newton KM, Pathak RD, Waitzfelder BE, Elston-Lafata J, Butler MG, Kirchner HL, Thomas A, O'Connor PJ. Who Must We Target Now to Minimize Future Cardiovascular Events and Total Mortality? Lessons from the SUPREME-DM Cohort Study. *Circ Cardiovasc Qual Outcomes*. 2015 Aug 25. pii: CIRCOUTCOMES.115.001717. [Epub ahead of print]
9. Schroeder EB, **Desai J**, Schmittiel JA, Paolino AR, Schneider JL, Goodrich GK, Lawrence JM, Newton KM, Nichols GA, O'Connor PJ, Fitz-Randolph M, Steiner JF. An Innovative Approach to Informing Research: Gathering Perspectives on Diabetes Care Challenges From and Online Patient Community. *Interactive J Med Res*. 2015 4(2) e13 p1-14.
10. Schroeder EB, Powers JD, O'Connor PJ, Nichols GA, Xu S, **Desai JR**, Karter AJ, Morales LS, Newton KM, Pathak RD, Vazquez-Benitez G, Raebel MA, Butler MG, Elston-Lafata J, Reynolds K, Thomas A, Waitzfelder BE, Steiner JF. Prevalence of chronic kidney disease among individuals with diabetes in the SUPREME-DM Project, 2005-2011. *J of Diabetes and Its Complications* 2015
11. Vazquez-Benitez G, **Desai JR**, Xu S, Goodrich GK, Schroeder EB, Nichols GA, Segal J, Butler MG, Karter AJ, Steiner JF, Newton KM, Morales LS, Pathak RD, Thomas A, Reynolds K, Kirchner HL, Waitzfelder B, Elston Lafata J, Adibhatla R, Xu Z, O'Connor PJ. Preventable Major Cardiovascular Events Associated With Uncontrolled Glucose, Blood Pressure, and Lipids and Active Smoking in Adults With Diabetes With and Without Cardiovascular Disease: A Contemporary Analysis. *Diabetes Care*. 2015 Feb 20. [Epub ahead of print].
12. Schmittiel JA, **Desai J**, Schroeder EB, Paolino AR, Nichols GA, Lawrence JM, O'Connor PJ, Ohnsorg KA, Newton KM, Steiner JF. Methods for Engaging Stakeholders in Comparative Effectiveness Research: A Patient-Centered Approach to Improving Diabetes Care. *Healthcare: Journal of Delivery Science and Innovation*. 2015.
13. Schmittiel JA, Steiner JF, Adams AS, Dyer W, Beals J, Henderson WG, **Desai J**, Morales LS, Nichols GA, Lawrence JM, Waitzfelder B, Butler MG, Pathak RD, Hamman RF, Manson SM. Diabetes care and outcomes for American Indians and Alaska natives in commercial integrated delivery systems: a SURveillance, PREvention, and ManagEment for Diabetes Mellitus (SUPREME-DM) study. *BMJ Open Diabetes Research & Care* 2014: Nov 17, 2(1):e000043.[PMID: 25452877](#).
14. Nichols GA, Schroeder EB, Karter AJ, Gregg EW, **Desai J**, Lawrence JM, O'Connor PJ, Xu S, Newton KM, Raebel MA, Pathak RD, Waitzfelder B, Segal J, Lafata JE, Butler MG, Kirchner HL, Thomas A, Steiner JF. Trends in Diabetes Incidence Among 7 Million Insured Adults, 2006-2011: The SUPREME-DM Project. *American Journal of Epidemiology* 2015: Jan 1,181(1):32-39. [PMID: 25515167](#).

15. O'Connor PJ, Schmittiel JA, Pathak RD, Harris RI, Newton KM, Ohnsorg KA, Heisler M, Sterrett AT, Xu S, Dyer WT, Raebel MA, Thomas A, Schroeder EB, **Desai JR**, Steiner JF. Randomized trial of telephone outreach to improve medication adherence and metabolic control in adults with diabetes. *Diabetes Care* 2014; Dec, 37(12): 3317-3324. [PMID: 25315207](#).
16. Xu S, Schroeder EB, Shetterly S, Goodrich G, O'Connor PJ, Steiner JF, Schmittiel J, **Desai J**, Pathak RD, Neugebauer, Butler M, Kirchner L, Rabel MA. Accuracy of Hemoglobin A1c Imputation Using Fasting Plasma Glucose in Diabetes Research Using Electronic Health Records. *Stat Optim Inf Comput* 2014; 2(2): 93-104.
17. **Desai J**, Pawloski PA, Sperl-Hillen JM, and O'Connor PJ. Personalized and Prioritized Diabetes Treatment Recommendations to Reduce Cardiovascular Risk. *Diabetes Management* 2014; 4(2): 105-108.
18. **Desai J**, Sperl-Hillen JM, and O'Connor PJ. Patient preferences in diabetes care: overcoming barriers using new strategies. *J Comparative Effectiveness Research* 2013; 2(4): 351-354. PMID:24236672.
19. O'Connor PJ, **Desai JR**, Butler JC, Kharbanda EO, Sperl-Hillen JM. [Current Status and Future Prospects for Electronic Point-of-Care Clinical Decision Support in Diabetes Care](#). *Curr Diab Rep*. 2012 Dec 9. [Epub ahead of print] PMID:PMC3595375.
20. O'Connor PJ, Vazquez-Benitez G, Schmittiel JA, Parker ED, Trower NK, **Desai JR**, Margolis KL, Magid DJ. [Benefits of early hypertension control on cardiovascular outcomes in patients with diabetes](#). *Diabetes Care*. 2013 Feb;36(2):322-7. doi: 10.2337/dc12-0284. Epub 2012 Sep 10. PMID:PMC3554277.
21. Nichols GA, **Desai J**, Elston Lafata J, Lawrence JM, O'Connor PJ, Pathak RD, Raebel MA, Reid RJ, Selby JV, Silverman BG, Steiner JF, Stewart WF, Vupputuri S, Waitzfelder B; SUPREME-DM Study Group. Construction of a multisite DataLink using electronic health records for the identification, surveillance, prevention, and management of diabetes mellitus: the SUPREME-DM project. *Prev Chronic Dis*. 2012;9:E110. Epub 2012 Jun 7. PMID: PMC3457753.
22. **Desai J**, Wu P, Nichols GA, Lieu TA, O'Connor PJ. Diabetes and Asthma Case Identification, Validation, and Representativeness When Using Electronic Health Data to Construct Registries for Comparative Effectiveness and Epidemiologic Research. *Medical Care* 2012;50(7 Suppl 1):S30-35. PMID:22692256.
23. Bishop D, O'Connor P, **Desai J**. Diabetes. In R Bronson, P Remington, & J Davis (eds), *Chronic Disease, Epidemiology and Control, 3 ed*. Washington, D.C.: American Public Health Association (2010)
24. Devlin H, **Desai J**, Walaszek A. Reviewing performance of birth certificates and hospital discharge data to identify births complicated by maternal diabetes. *J Maternal and Child Health* 2009; 13(5): 660-666.
25. Culhane-Pera K, Moua M, DeFor T, **Desai J**, Hmong Refugee Health Coalition. Cardiovascular disease risks in Hmong refugees from impoverished Wat Tham Krabok, Thailand. *J Immigrant and Minority Health* (Online First: December, 2008).
26. Devlin H, **Desai J**, Gilbertson D, Holzmann G. Trends and disparities among diabetes-complicated births in Minnesota, 1993-2003. *Am J Pub Health* 2008;98:59-62.
27. O'Connor P, **Desai J**, Solberg LI, Reger L, et al. Randomized trial of a quality-improvement intervention to improve diabetes care in primary care settings. *Diab Care*, 2005; 28: 1890-7.
28. Mukhtar Q, Brody ER, Mehta P, Camponeschi J, Clark CK, **Desai J**, et al. An innovative approach to enhancing the surveillance capacity of state-based diabetes prevention and control programs: The Diabetes Indicators and Data Sources Internet Tool (DIDIT). *Prev Chron Dis*, July 2005. www.cdc.gov/pcd/issues/2005/jul/04_0126.htm
29. Burke JP, Forsgren J, Palumbo PJ, Bailey KR, **Desai J**, Devlin H, Leibson CL. Association of birth weight and diabetes in Rochester, Minnesota. *Diab Care*, 2004; 27: 2512-3
30. **Desai, J**. Commentary: State-based diabetes surveillance among minority populations. *Preventing Chronic Disease*, April 2004. www.cdc.gov/pcd/issues/2004/apr/03_0030.htm.

31. Solberg, LI, **Desai J**, O'Connor PJ, Bishop DB, Devlin HM. Diabetic patients who smoke: are they different? *Annals of Family Medicine* 2004; 2:26-32.
32. **Desai J**, Solberg LI, Clark C, Reger L, Pearson T, Bishop D, Roberts M, Sniegowski R, O'Connor P. Improving diabetes care and outcomes: the secondary benefits of a public health – managed care research collaboration. *J Public Health Management Practice*, 2003, November (Suppl), S44-S51.
33. **Desai J**, Geiss L, Mukhtar Q, Harwell T, Benjamin S, Bell R, Tierney E. Public Health Surveillance of Diabetes in the United States. *J Public Health Management Practice*, 2003, November (Suppl), S36-S43.
34. O'Connor P, **Desai J**, Solberg L, Rush WA, Bishop D. Variation in diabetes care by age: opportunities for customization of care. *BMC Family Practice* 11/2003; 4:16. DOI:10.1186/1471-2296-4-16.
35. **Desai J** and Devlin H. *Diabetes in Minnesota*. Minnesota Department of Health, St. Paul MN, October, 2003. Available at <http://www.health.state.mn.us/diabetes/mndiabetes.html>.
36. O'Connor P, **Desai J**, Rush WA, Cherney LM, Solberg LI, Bishop DB. Is having a regular provider of care related to intensity of care and glycemic control? *J Family Practice* 1998; 47(4): 290-7.
37. Gilbertson D, Arneson T, **Desai J**, Roesler J, Bluhm J, Clark C, Bishop D. Diabetes-related Amputations of Lower Extremities in the Medicare Population – Minnesota, 1993-1995. *MMWR*, 1998; 47(31): 649-652.
38. Cobb MN, **Desai J**, Brown LS, Zannikos PN, Rainey PM. The effect of fluconazole on the clinical pharmacokinetics of methodone. *Clinical Pharmacology and Therapeutics* 1998; 63(6): 655-62.

SELECTED PRESENTATIONS/POSTERS

1. Neugebauer RS, Reynolds K, Schroeder EB, Schmittiel JA, **Desai JR (presenter)**, Ho M, Pimentel N, Vazquez-Benitez G, Anderson JP, Dyer W, Loes LM, O'Connor PJ. Impact of Human Versus Analog Insulins on Mortality and Occurrence of Myocardial Infarction. 3rd Cardiovascular Outcome Trial Summit of the Diabetes and Cardiovascular Disease EASD Study Group. October 26-27, 2017 Munich, Germany (presentation).*
2. **Desai J (presenter)**, Taylor G, Vazquez-Benitez G, Vine S, Anderson J, Garrett JE, Gilmer T, Vue-Her H, Schiff J, Rinn S, Engel K, O'Connor PJ. Do Financial Incentives Improve Diabetes Prevention Program Outcomes among Medicaid Beneficiaries? The We Can Prevent Diabetes Study. Academy Health Annual Research Meeting. June 27, 2017 New Orleans, Louisiana (presentation).*
3. Vazquez-Benitez G, Taylor G, Vine S, Anderson J, Garrett JE, Gilmer T, Vue-Her H, Schiff J, Rinn S, Engel K, Michael A, Becker M, O'Connor PJ, **Desai J**. What Factors Facilitate Weight Loss among Medicaid Beneficiaries Participating in the Diabetes Prevention Program? 77th Scientific Sessions American Diabetes Association. June 9-13, 2017 San Diego, California (poster).*
4. O'Connor PJ, **Desai J**, Ekstrom H. Extending a Single Outpatient Clinical Decision Support System to Include Multiple Clinical Domains and Multiple Medical Groups: Lessons from the Field. 2017 Health Care Systems Research Network. March 21-23, 2017 San Diego, California (panel presentation).*
5. Sperl-Hillen J, O'Connor PJ, **Desai J**, Margolis K, Ekstrom H, Crain L. Aspirin for Primary Prevention of Atherosclerotic Cardiovascular Disease: Challenges to Appropriate Use. 2017 Health Care Systems Research Network. March 21-23, 2017 San Diego, California (poster).*
6. Vazquez-Benitez G, **Desai J**, Taylor G, Vine S, Anderson J, Garrett JE, Gilmer T, Vue-Her H, Schiff J, Rinn S, Engel K, Michael A, Becker M, O'Connor PJ. What Factors Facilitate Weight Loss among Medicaid Beneficiaries Participating in the Diabetes Prevention Program? 2017 Health Care Systems Research Network. March 21-23, 2017 San Diego, California (poster).*
7. Vine S, Taylor G, Engel K, Vue-Her H, Garrett J, Rinn S, **Desai J**, Anderson J, Vazquez-Benitez G, Schiff J. Engage, Educate, and Sustain: Delivery of an Evidence-based Diabetes Prevention Program by Community Health Workers. 2016 American Public Health Association Conference. November 1, 2016. Denver, CO. (Presentation)
8. **Desai JR**, G Vazquez-Benitez, EB Schroeder, JM Lawrence, B Waitzfelder, L Morales, G Nichols, AJ Karter, JF Steiner, K Coleman, K Newton, R Pathak, J Lafata, J Segal, P O'Connor. All is Not Equal ... or Is It?: Targeting Uncontrolled Cardiovascular Risk Factors in Racial and Ethnic Populations to Prevent Major Cardiovascular Events. European Association for the Study of Diabetes. Sept 10-14, 2016. Munich, Germany (Presentation)
9. Crain AL, Sperl-Hillen JM, O'Connor PJ, **Desai JR**, Margolis KL, Ekstrom HL. Overuse and underuse of aspirin for primary prevention of cardiovascular disease in people with diabetes. Oral presentation at the 52nd European Association for the Study of Diabetes (EASD) Annual Meeting. September 12-16, 2016. Munich, Germany (Presentation).
10. **Desai JR**, Taylor G, Vazquez Benitez G, Vine S, Anderson JD, Garrett JE, Rinn S, Vue-Her H,

Becker MT, Schiff J, O'Connor PJ. Can financial incentives prevent diabetes in a low income population? American Diabetes Association's 76th Scientific Sessions. June 10 – 14, 2016. New Orleans, LA. (Presentation)

11. O'Connor PJ, Sperl-Hillen JM, Crain AL, Margolis KL, **Desai JR**. Recent trends in CV risk factor control and CV risk in adults with diabetes. Oral Presentation. 2016 European Diabetes Epidemiology Group Annual Meeting. April 16 – 19, 2016. Kildare, Ireland. (Presentation)
12. O'Connor PJ, Sperl-Hillen JM, **Desai JR**. Using CV Wizard to Reduce CV Risk in Adults. Geek Talk, Center for Medicaid and Medicare Innovation. March 23rd, 2016. Baltimore MD. (Presentation)
13. **Desai J**, Vazquez-Benitez G, O'Connor PJ. How to Minimize Future CV Events and Total Mortality in Adults with Diabetes: Lessons from the 10,000,000 person-year SUPREM Cohort Study. ADA 75th Scientific Sessions, Boston, MA. June 5-9, 2015. (Presentation)
14. Vazquez-Benitez G, **Desai JR**, Schmittiel JA, Lawrence JM, Newton KM, O'Connor PJ. Are Composite Measures of Diabetes Quality of Care Associated with Major CV Events. ADA 75th Scientific Sessions, Boston, MA. June 5-9, 2015. (Poster)
15. Lawrence JM, Sidell M, Li X, **Desai J**, O'Connor PJ, Schmittiel JA. Timing and Impact of Transition from Pediatric to Adult Care on Glycemic Control among Adolescents and Young Adults with Diabetes. International Society for Pediatric and Adolescent Diabetes. September 2014. (Poster)
16. **Desai J**, Benitez GV, O'Connor PJ. Surveillance, PREvention, and ManagEment of Diabetes Mellitus (SUPREME-DM): Trends in Myocardial Infarction, Stroke, Heart Failure, and All-Cause Mortality in Patients With and Without Diabetes, 2005 – 2011. HMORN Research Conference. April, 2014. (Presentation)
17. Lawrence JM, Donahoo WT, Raebel MA, **Desai J**, Ferrara A, Bennett WT, Zhang JL, Newton KM. Perception of Risk for Developing Type 2 Diabetes (T2D) among Women with Recent Gestational Diabetes Mellitus (GDM). American Diabetes Association Scientific Sessions, June 2013. (Poster)
18. **Desai J**. SUPREME-DM: The Diabetes DataLink. Practical Applications, Challenges, and Opportunities: How Registries Can Help Support a Learning Healthcare System. October 2012. (Presentation)
19. **Desai J**. Multi-site Diabetes Registry Using Electronic Health Records: Identification, Validation, and Representativeness. Electronic Data Methods Forum Symposium, Health Services Research Conference. June 2012. (Presentation)
20. Lawrence JL, **Desai J**, O'Connor PJ, Schroeder EB, Vupputuri S, Reid RJ, Steiner JF, Nichols GA. Use of Electronic Health Records to Estimate 5-year Incidence of Diabetes Among Health Maintenance Organization (HMO) Members < 20 Years of Age: The SUPREME-DM Project. *Pediatric Diabetes* 2012; 13 (Suppl 17): 43. (Presentation)
21. **Desai J**. Diabetes Systems Dynamics Model. University of Minnesota Systems Dynamics Interest Group, September 2009 (presentation).
22. **Desai J**, Pereira M, Harnack L, Lytle L, Mueller N. Comparative Validation of an Internet-based Dietary Assessment (VIDA). 7th International Conference on Dietary and Activity Assessment, June 2009 (presentation).
23. **Desai J**, Mays R, Devlin H, Salem N. Diabetes Prevention in Minnesota: A Multi-level Systems Approach. CDC Diabetes Translation Conference, April 2009 (presentation).
24. Walaszek A, Frohnert B, Devlin H, **Desai J**. Assessing Pregnancies Complicated by Diabetes: The Pregnancy Risk Assessment Monitoring System (PRAMS) Compared to Birth Certificates. CDC Diabetes Translation Conference, 2008. (Poster)
25. **Desai J**, Salem N, He G, Beagan B, Roche D, Muhtar Q. Diabetes Primary Prevention Initiative: Surveillance Focus Area. CDC Diabetes Translation Conference, May 2008.

26. Salem N, **Desai J**. In Minnesota, Will Prediabetes Overtake Diabetes? CDC Diabetes Translation Conference, May 2008 (presentation).
27. **Desai J**, Salem N, Pereira M. Tracking Dietary Habits in Populations. International Society for Behavioral Nutrition and Physical Activity Meeting, Oslo, Norway June 2007 (presentation)
28. **Desai J**, Salem N. Diabetes Prevention Surveillance Using the BRFSS. CDC Diabetes Translation Conference, May 2007 (presentation)
29. **Desai J**, Salem N. Dietary Habits in Minnesota. CDC Diabetes Translation Conference, May 2007 (poster)
30. **Desai J**, Devlin H. Monitoring of Weight Status: What Can Driver's Licenses Tell Us? CDC Diabetes and Obesity Conference, May 2006 (poster)
31. Devlin H, **Desai J**. Using Driver's License Data and Surname Analysis to Assess Ethnic Disparities in Obesity. CDC Diabetes and Obesity Conference, May 2006 (poster)
32. **Desai J**, Hargreaves A, Devlin H, Pereira M, Toomey T. What's in a Plan? The Diabetes State Plan Index. CDC Diabetes Translation Conference, May 2005. (presentation)

CURRENT or RECENT PROJECTS

1. Reducing Cardiovascular Risk in Prediabetes Patients Using EHR-Based Decision Support (Desai)
2. Minnesota Medicaid Incentives for Prevention of Diabetes Demonstration (Desai)
3. Prioritized Clinical Decision Support to Reduce Cardiovascular Risk (O'Connor)
4. SUPREME-DM: Sustaining a Learning Research Network (Steiner)
5. Multi-Institutional Consortium for CER in Diabetes Treatment and Prevention (Selby)
6. Expansion of the DEClDE Distributed Research Network Infrastructure to Support Studies of Comparative Effectiveness, Phase II – (Platt)
7. Mental Health Disorders and Medication Adherence and Outcomes in Hypertension, Atrial Fibrillation, and Venous Thromboembolism within the CVRN (Go)
8. Diabetes Primary Prevention Initiative (Desai)

COMMITTEES and WORK GROUPS

1. Minnesota Diabetes Surveillance and Data Review Advisory Committee, 1995 – 2010. (Chair/Convener)
2. CDC Division of Diabetes Translation Evaluation Work Group, 2000 – 2005
3. CDC Division of Diabetes Translation Diabetes Indicators Work Group, 2001 – 2006
4. Minnesota Department of Health Institutional Review Board, 2000 – 2010
5. SUPREME-DM Disparities Work Group (Chair), 2011-2014
6. Minnesota Diabetes Collective Impact Initiative, 2011-2016

PEER REVIEW

- NIH Grant Review: National Institute of Minority Health and Disparities
- Agency for Healthcare Research and Quality reports
- Preventing Chronic Disease
- American Journal of Preventive Medicine
- Circulation: Cardiovascular Quality and Outcomes
- Obesity
- Health Affairs
- Journal of Immigrant and Minority Health
- Abstract Review: 2015 ADA Scientific Sessions
- Journal of the American Medical Association