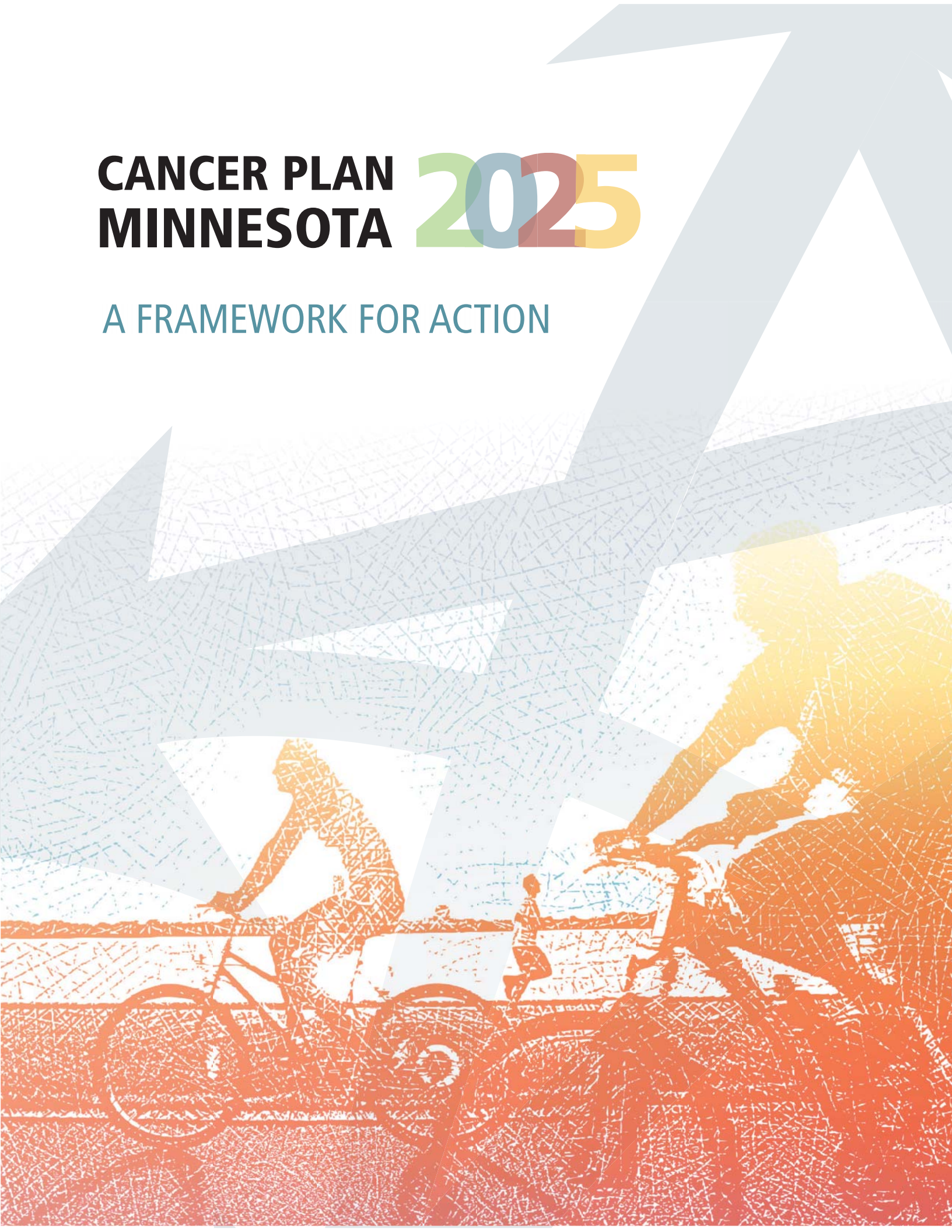


# CANCER PLAN MINNESOTA 2025

A FRAMEWORK FOR ACTION



The Minnesota Cancer Alliance is a coalition of organizations and individuals committed to reducing the burden of cancer in Minnesota. Since its founding in 2005, the Alliance has made progress on many fronts. But the work is far from done. Join the Alliance in its efforts to support and implement Cancer Plan Minnesota:  
[Mncanceralliance.org/membership/joinus](https://mncanceralliance.org/membership/joinus).



**Robert DesJarlait**

Mora, Minnesota

Enrolled member of the Red Lake Band of Chippewa.

Husband, father, grandfather, artist, and cancer educator.

Diagnosed with colon cancer at age 67;

metastatic liver cancer at age 69.

3+ year survivor.

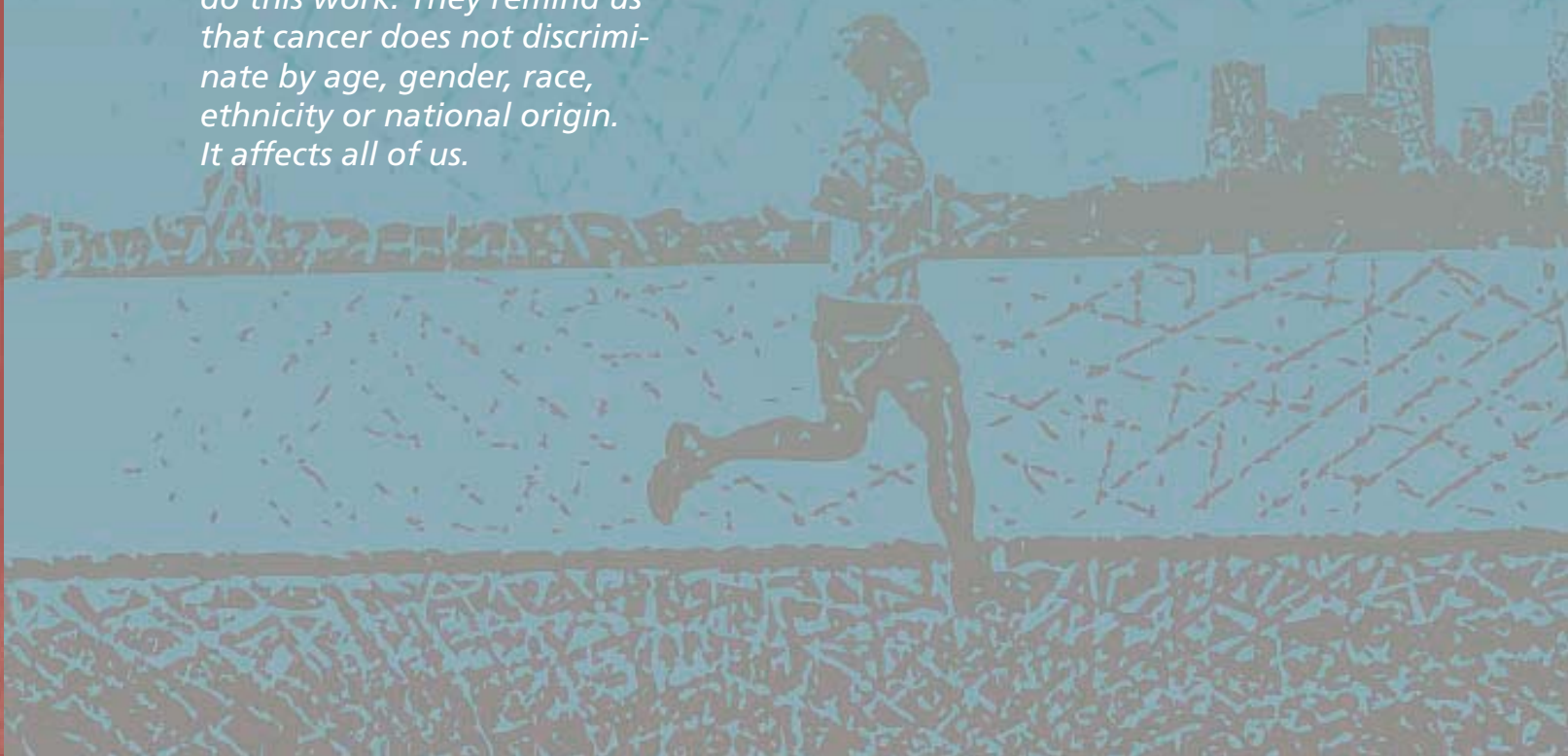
(photo credit: Ivy Vainio)



## TABLE OF CONTENTS

Introduction.....	2
Overarching goals.....	2
How the plan was crafted.....	3
How to use the plan.....	4
How you can participate.....	5
Objectives and strategies.....	6
Measures and targets for action.....	18

*Cancer touches the lives of Minnesotans and their loved ones every day. Throughout this report, you will find photos of Minnesotans whose brief stories remind us why we do this work. They remind us that cancer does not discriminate by age, gender, race, ethnicity or national origin. It affects all of us.*





## Introduction

Every year, nearly 30,000 Minnesotans are diagnosed with cancer. It is the leading cause of death in our state, accounting for approximately 10,000 deaths annually. Each one represents a painful loss. Still, there is cause for hope. The overall death rate from cancer has been declining for almost three decades, and more people than ever are surviving with a diagnosis of cancer. In 2016, an estimated 276,770 Minnesotans were cancer survivors. Not all Minnesotans have shared equally in this progress, however. Persistent disparities in the risk factors for cancer, use of cancer screening and access to state of the art treatment and non-clinical support services are real and must be addressed.

Cancer Plan Minnesota is a framework for action that invites everyone to get involved in reducing the burden of cancer and promoting health equity. It challenges organizations and individuals in every sector and every region of the state to step up, work together and make a difference for all Minnesotans.

Five overarching goals have guided the MN Cancer Alliance since its founding in 2005. They continue to guide the current work and provide an organizing structure for this plan.

### ■ PREVENTION

#### **Prevent cancer from occurring**

Imagine a cancer-free Minnesota. What would it take? Not every cancer can be prevented. Yet, almost two thirds of cancers can be prevented if people would stop smoking cigarettes, get more exercise and eat healthier food. Achieving such lifestyle changes is not easy, however. Many Minnesotans live in neighborhoods and communities

where they lack access to healthy food and places to be physically active. Some are exposed to environmental toxins like radon gas, which can cause cancer. Cancer Plan Minnesota suggests ways to address such factors.

### ■ DETECTION

#### **Detect cancer at its earliest stage**

Many cancers can be effectively treated when detected early, and some cancers, such as cervical cancer and colorectal cancer, can be prevented through screening. Yet despite good evidence to support the use of screening, changes in guidelines, uncertainties about insurance coverage, the need to take time away from work and the cost of transportation to get to screening appointments create barriers for many people. People whose lives are complicated by poverty, job insecurity and language and cultural differences face even greater challenges. Cancer Plan Minnesota seeks to counteract these and other barriers to early detection.

### ■ TREATMENT

#### **Treat all cancer patients with the most appropriate and effective therapy**

Immunotherapy, precision medicine, new miracle drugs – these terms were in the headlines when this plan was being formulated. Along with the hope they offer, novel therapies such as these have been accompanied by sky-rocketing costs. Helping patients and their families understand their treatment choices, work through the financial and legal challenges that often accompany a cancer diagnosis, and access the rehabilitation, wellness and non-clinical support services they need are among the objectives Alliance members plan to emphasize over the next decade. Often felt most acutely during active treatment, these needs are survivorship issues, too.





## ■ SURVIVORSHIP

### **Optimize the quality of life of every person affected by cancer**

Advances in detection and treatment allow more and more people to not only survive but thrive following a diagnosis of cancer. Still, a cancer diagnosis remains a life-changing event not just for the survivor, but also for family members, friends and caregivers. Financial stress, physical and mental effects of treatment, hard-to-ignore worries about whether the cancer will return are just a few of the challenges cancer survivors face. Guidelines for survivorship care differ according to cancer type, stage at diagnosis and treatment regimen, but they all call for regular check-ups and good primary care post-treatment through the end of life. Cancer Plan Minnesota seeks to help cancer survivors live their best possible lives.

## ■ HEALTH EQUITY

### **Eliminate disparities in the burden of cancer**

This plan looks ahead almost a decade. The world around us will undoubtedly change during that time. Scientific breakthroughs will open new avenues for fighting cancer, and progress on the socio-political front hopefully will lessen the inequities and barriers that keep too many people from getting the health care they need. Achieving health equity is at the forefront of this plan. It is an integral component of every objective and strategy. The challenge is to move from plan to action. The Alliance urges every reader to take up that challenge.

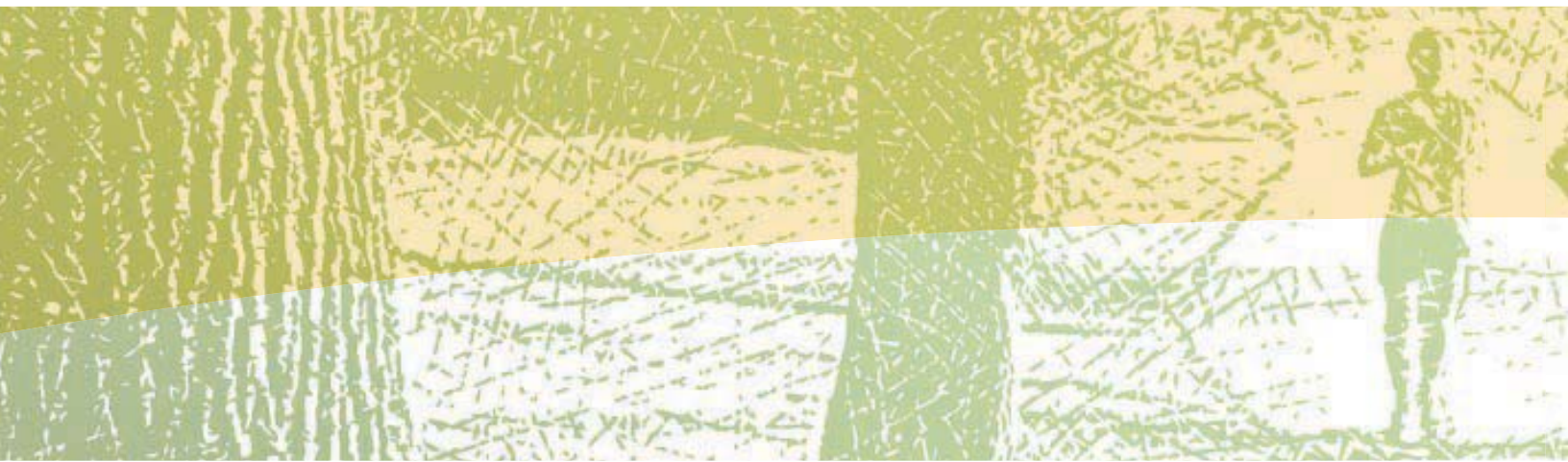
## How The Plan Was Crafted

The Minnesota Department of Health's Comprehensive Cancer Control Program staff led the planning effort. The MN Cancer Alliance's Steering Committee will spearhead its implementation. An Advisory Team ensured the process was inclusive, open and forward-thinking. More than 30 listening sessions and online feedback informed six workgroups that recommended objectives and strategies for the plan. Three criteria guided their recommendations:

**Alignment** - What other organizations already are working toward complementary ends? Could they be enlisted to help?

**Change Potential** - Can objectives be accomplished through a change in policy, systems or the environment? What strategies will help achieve and sustain change?

**Health Equity** - Will recommended objectives and strategies reduce disparities and spark action that will benefit every Minnesotan affected by cancer?



## How to Use The Plan

The core of the plan consists of 19 objectives and 92 strategies. Color-coded bullets identify which of the Cancer Alliance's five overarching goals is addressed by each objective. Use the color-coded markers to find the objectives and strategies that align most closely with your work or interests.

The measurement section of Cancer Plan Minnesota 2025 identifies targets for action. Where baseline data are available, they are reported. However in several cases the data that mark progress don't exist because the proposed work is new. "TBD" means that lead indicators need to be determined; action plans need to be developed; data need to be collected and analyzed.

Most importantly, we challenge users to be guided and inspired to action by the brief portraits of survivors whose stories are sprinkled throughout the plan. Their faces remind us that the work of cancer control is about people. These individuals and their families represent the courage, hope and spirit of fellow Minnesotans who have experienced the burden of cancer. To them, we extend a special thank you.

## Committed to Action And Results

Cancer Plan Minnesota 2025 depends on people taking action to achieve the objectives and strategies it identifies. Its ability to move traditional and non-traditional partners to action will be the plan's true measure of success.

The important thing to understand about this strategic plan is that it marks a starting point, not an end point. It will undoubtedly be amended over the next decade. Watch the Cancer Alliance website for updates: [Mncanceralliance.org](https://mncanceralliance.org).



## Get Involved: Here's How You Can Participate

- Join the Alliance
- Serve on a committee
- Participate in a network
- Work on a strategy
- Form a new action group or network
- Contact a member of the Alliance

Learn about these and other options by visiting the Alliance website: [Mncanceralliance.org](http://Mncanceralliance.org).

*The Minnesota Cancer Alliance recognizes that cancer health disparities exist in Minnesota and seeks to reduce the burden of cancer in all populations and cultures. The objectives put forth in Cancer Plan Minnesota 2025 will be approached through a health equity lens, in a manner that takes into account all determinants of health including culture, race, ethnicity, gender identity, environment, geographic location, socioeconomic status, and sexual orientation. Cancer health equity means achieving the conditions in which all people have the opportunity to attain their highest possible level of health through equitable opportunities for prevention, detection, treatment, clinical research opportunities, survivorship, and end of life support. These objectives will be continuously re-evaluated and improved, with an opportunity for future amendments in response to the needs and priorities of the community.*

**Cancer Health Equity Network – Fall 2016**



## OBJECTIVES AND STRATEGIES

### OBJECTIVE 1 ■ ■ ■ ■ ■

**Expand the scope and quality of data used to measure the success of cancer control efforts in Minnesota**

#### STRATEGIES

- 1.1 Advocate for increased funding for the Minnesota Cancer Reporting System to expand its capacity for data analysis, community engagement and cancer communications to the public
- 1.2 Standardize the collection and reporting of race, ethnicity, preferred language and country of origin for cancer-related datasets
- 1.3 Engage under-represented communities in identifying critical data gaps
- 1.4 Collect aggregate data from Commission on Cancer-accredited programs to assess progress on cancer plan objectives for detection, treatment and survivorship
- 1.5 Explore the feasibility of using the Minnesota All Payer Claims Database to monitor strategic priorities
- 1.6 Develop and conduct a statewide survey to assess survivorship needs and services

#### Luella Williams

Minneapolis, MN  
Mother and wife;  
Fighter, survivor, warrior;  
Breast cancer educator  
and advocate.  
First diagnosed with  
breast cancer at age 29,  
new diagnosis at age  
49 and again at age 51.  
28+ year survivor

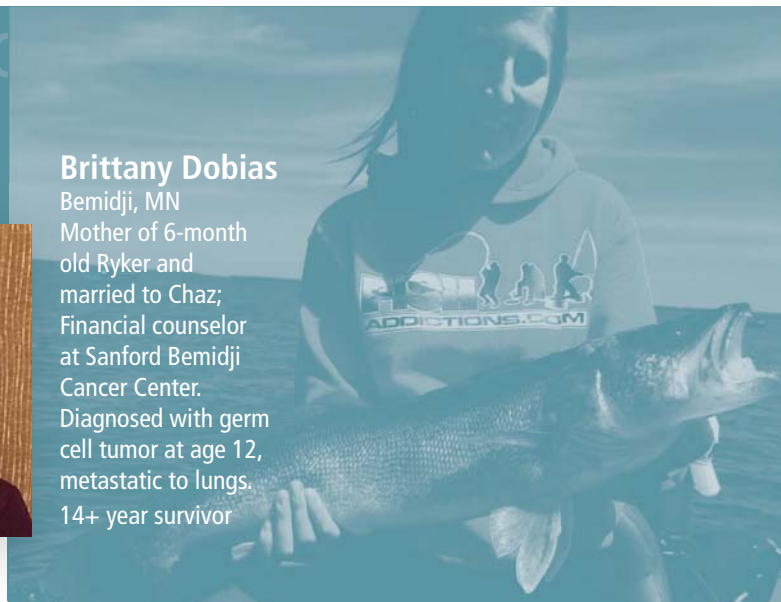






### Brittany Dobias

Bemidji, MN  
Mother of 6-month  
old Ryker and  
married to Chaz;  
Financial counselor  
at Sanford Bemidji  
Cancer Center.  
Diagnosed with germ  
cell tumor at age 12,  
metastatic to lungs.  
14+ year survivor



## OBJECTIVE 2 ■ ■ ■

### Increase risk-appropriate screening for breast, cervical and colorectal cancers

#### STRATEGIES

- 2.1 Partner with community organizations to develop culturally appropriate cancer screening education and outreach programs to reduce disparities
- 2.2 Encourage health care providers to use consistent messaging for patients to begin breast cancer screening and colorectal cancer screening based on personal, family history, genetic-risk and/or relevant risk factors
- 2.3 Share best practices on how to increase screening
- 2.4 Reduce financial and structural barriers to screening and diagnostic services
- 2.5 Encourage health care providers to recommend multiple colorectal cancer screening test options for average risk patients

## OBJECTIVE 3 ■ ■ ■

### Increase the use of genetic counseling and testing for hereditary breast, ovarian and colorectal cancers

#### STRATEGIES

- 3.1 Conduct targeted outreach and education to segments of the population at elevated risk for hereditary breast, ovarian and colorectal cancer
- 3.2 Identify and increase referral of women diagnosed with breast cancer under age 45; triple negative breast cancer under age 60; or a family history of these cancers
- 3.3 Identify and refer all women with ovarian cancer or a family history of ovarian cancer
- 3.4 Promote universal Lynch syndrome screening for all new diagnoses of colon and uterine cancer through tumor or direct gene testing
- 3.5 Advocate for policies that reduce insurance barriers to genetic counseling and testing

**OBJECTIVE 4** ■ ■**Increase low-dose CT scan screening among persons at high risk for lung cancer****STRATEGIES**

- 4.1 Educate primary care providers about lung cancer screening guidelines based on age and smoking history
- 4.2 Add pack-years to smoking history captured in data systems to determine who is eligible for lung cancer screening
- 4.3 Expand public awareness of lung cancer screening guidelines
- 4.4 Conduct targeted outreach activities in populations with high rates of smoking and lung cancer
- 4.5 Provide eligible quitline users with information about lung cancer screening programs

**Santiago Astorga Amirjo**

Sleepy Eye, MN  
Widower, corn/pea-pack field worker, sole caretaker of son disabled by cerebral palsy. Diagnosed with kidney cancer at age 76; recurrent brain tumor at age 79. 3+ year survivor



## OBJECTIVE 5

**Connect cancer patients and caregivers with the support services they need (clinical and non-clinical) when diagnosed with cancer, during active treatment and thereafter**

### STRATEGIES

- 5.1 Strengthen the ability of cancer programs to implement cancer navigation processes that assess needs and make connections to needed resources and services
- 5.2 Convene providers to promote best practices and evidence-based protocols for shared decision making during cancer treatment
- 5.3 Promote psychosocial distress screening for cancer patients
- 5.4 Build community capacity to address the non-clinical support needs of cancer patients and their caregivers
- 5.5 Promote tools that help providers talk with clients who have low health literacy

## OBJECTIVE 6

**Expand the cancer workforce to include more community health workers, patient navigators and care coordinators**

### STRATEGIES

- 6.1 Increase the availability of and access to certificate programs for community health workers
- 6.2 Work to integrate a high-quality cancer curriculum in community health worker training and certificate programs
- 6.3 Promote cancer care training and certification programs to prepare health care professionals to serve as cancer patient navigators and care coordinators
- 6.4 Conduct an assessment of community health worker certificate holders and lay patient navigators to determine their level of employment in cancer-related activities
- 6.5 Promote policies, including payment reform, that support the effective deployment of community health workers
- 6.6 Advocate for financial reimbursement for cancer patient navigators and care coordinators

## OBJECTIVE 7 ■ ■ ■

**Increase the use of survivorship care plans****STRATEGIES**

- 7.1 Educate patients and health care providers (including nurse practitioners, physician assistants, primary care physicians, surgeons, oncologists) about the key components of survivorship care, including the development and communication of survivorship care plans
- 7.2 Improve communication between the oncology team and primary care providers and devise efficient, timely methods to get survivorship care plans from oncology to primary care
- 7.3 Expand the survivorship care plan to include referrals to services
- 7.4 Promote policies that support adequate reimbursement for development of survivorship care plans by a multi-disciplinary team and communication of the plan to the patient

**Truong Vu**

Minneapolis, MN  
Father of three, loving  
spouse of Bong Nguyen;  
Vietnamese refugee,  
chef and restaurant owner.  
Diagnosed with liver  
cancer at age 67.  
Died in 2016 at age 70





## OBJECTIVE 8

### Reduce financial and legal burdens on cancer patients

#### STRATEGIES

- 8.1 Develop initiatives, including Medical Legal Partnerships, that address the financial and legal issues cancer patients face during and after treatment
- 8.2 Advocate for local, state and national policies to enhance and protect financial security when facing cancer (for example, mandatory paid sick leave, decreased wait period for Social Security Disability Insurance cash benefits and Medicare coverage to begin)
- 8.3 Use hospitals' Community Health Needs Assessments to demonstrate cancer patients' need for financial support and legal care services
- 8.4 Advocate for inclusion of financial and legal care provisions in bundled oncology care packages and other payment mechanisms
- 8.5 Work with nonprofit hospitals to direct community benefit dollars to agencies and partnerships that provide financial support and legal care services to cancer patients in need
- 8.6 Develop and pilot a short course on the social determinants of health and cancer for medical and law school students

## OBJECTIVE 9

### Increase access to cancer rehabilitation and wellness services

#### STRATEGIES

- 9.1 Work with major medical training programs in Minnesota to develop a curriculum and coursework in cancer rehabilitation and cancer exercise
- 9.2 Develop innovative technologies and programs to provide access to rehabilitation services in areas where they are not available
- 9.3 Work with state payers on models of care that lead to better outcomes by providing adequate coverage for rehabilitation and cancer fitness/wellness services

## OBJECTIVE 10 ■ ■ ■

**Increase participation in cancer treatment clinical trials****STRATEGIES**

- 10.1 Implement a statewide, culturally and linguistically appropriate media campaign to increase public awareness about the benefits of participating in clinical trials
- 10.2 Create a statewide centralized clinical trial database that enables health care providers and patients to locate current and accurate information about open trials
- 10.3 Establish and fund a Cancer Care Equity Program to help patients overcome financial barriers to participating in a clinical trial
- 10.4 Ensure that insurance companies provide coverage for participation in clinical trials

## OBJECTIVE 11 ■ ■

**Reduce use of commercial tobacco and nicotine delivery devices\*****STRATEGIES**

- 11.1 Maintain high prices for commercial tobacco products and electronic nicotine delivery systems (e-cigarettes, for example)
- 11.2 Restrict the retail sale of menthol and other flavored tobacco products and electronic nicotine delivery systems
- 11.3 Increase the minimum legal age to purchase commercial tobacco products to 21 years
- 11.4 Continue compliance and enforcement of existing policies and laws with dedicated resources
- 11.5 Assure the ongoing administration of the Minnesota Student Survey, the Youth Tobacco Survey and the Adult Tobacco Survey

*\*See the Minnesota Comprehensive Tobacco Control Framework 2016-2021 for additional strategies to reduce tobacco use and improve health: [http://www.health.state.mn.us/divs/hpcd/tpc/docs/MN\\_tobacco\\_control\\_framework.pdf](http://www.health.state.mn.us/divs/hpcd/tpc/docs/MN_tobacco_control_framework.pdf).*



## HEALTH EQUITY

### OBJECTIVE 12 ■ ■

#### Reduce disparities in commercial tobacco use

##### STRATEGIES

- 12.1 Establish consistent and reliable funding for tobacco control at the level recommended by the Centers for Disease Control and Prevention to fund best practices in tobacco control
- 12.2 Create partnerships to develop and implement community driven solutions to eliminate nicotine dependence
- 12.3 Advocate for policies to create indoor and outdoor environments free of tobacco and e-cigarettes
- 12.4 Collect data on commercial tobacco use and tobacco related disease from communities that have high rates of tobacco use, employing sufficiently large and culturally appropriate sampling strategies

### OBJECTIVE 13 ■ ■

#### Reduce the prevalence of obesity

##### STRATEGIES

- 13.1 Promote healthy eating in schools, childcare settings, worksites, health care facilities, and communities by supporting the Minnesota Food Charter strategies
- 13.2 Implement state and local policies that foster safe and accessible opportunities for physical activity
- 13.3 Improve community infrastructure to promote safe and accessible opportunities for physical activity (for example, comprehensive street design, bicycle parking at work places and transit stops, multi-use trail networks, way-finding signs)
- 13.4 Promote physical activity in schools, through quality physical education, active recess, active classrooms, before and after school programs and safe routes to school

#### Chris Heffelbower

Minneapolis, MN  
 Loving mother, wife, daughter,  
 sister, friend, attorney, colon  
 cancer advocate.  
 Diagnosed with colon  
 cancer at age 37.  
 Died in 2015 at age 40



## OBJECTIVE 14 ■ ■

**Increase HPV vaccination****STRATEGIES**

- 14.1 Include HPV vaccination (human papillomavirus) as a standard immunization measure
- 14.2 Improve public understanding about the safety of the HPV vaccine and its importance in cancer prevention
- 14.3 Conduct outreach activities to motivate populations that experience disproportionate numbers of HPV cancers and those with low vaccination rates
- 14.4 Create regular opportunities to teach health care personnel about the HPV vaccine and how to effectively recommend it to patients
- 14.5 Support and promote opportunities for health care organizations to participate in quality improvement programs aimed at improving HPV vaccination rates

## OBJECTIVE 15 ■ ■

**Reduce exposure to radon in residential properties and other buildings****STRATEGIES**

- 15.1 Develop partnerships that will promote and increase testing and mitigation in residential properties and other buildings
- 15.2 Secure funding or policies that offset the cost of radon mitigation in low income neighborhoods
- 15.3 Require landlords in rental properties to test for radon and notify renters about radon levels in their building
- 15.4 Require building owners to test for and disclose radon in non-residential buildings such as schools and child care locations
- 15.5 Enhance data collection to compare the impact of radon in different geographic and socioeconomic communities
- 15.6 Build public awareness about the link between radon and lung cancer

**Addison Haynes**

New Ulm, MN

Daughter, granddaughter, sister,  
lover of pets and gymnastics.

Diagnosed with acute  
lymphoblastic leukemia at age 4.

6+ year survivor





### Chris Davis

Esko, MN  
Enrolled member of the  
Fond du Lac Band of Lake  
Superior Chippewa.  
Mother of Amanda and  
Samantha and married to Dale;  
Family Nurse Practitioner and  
medical clinic coordinator at the  
Min No Aya Win Clinic,  
Fond du Lac Reservation.  
Diagnosed with breast  
cancer at age 41.  
3+ year survivor

## OBJECTIVE 16 ■ ■ ■

### Reduce exposure to ultraviolet light

#### STRATEGIES

- 16.1 Promote shade planning and individual sun-protective behaviors in outdoor settings, including schools, worksites and recreational areas
- 16.2 Strengthen existing laws governing indoor tanning facilities
- 16.3 Conduct an education campaign on the harms of indoor tanning

## OBJECTIVE 17 ■ ■ ■

### Increase the use of advance care planning

#### STRATEGIES

- 17.1 Conduct a large-scale community awareness and education campaign about advance care planning (See also Objective 18 and Objective 19)
- 17.2 Educate health care professionals about tools and resources they can use to facilitate meaningful, culturally sensitive conversations with patients and families about advance care planning
- 17.3 Collaborate with electronic medical record vendors and health care systems to develop best practices for accessing, storing and retrieving advance care planning materials in the electronic medical record
- 17.4 Promote the use of advance care planning resources shortly after the time of diagnosis or early in treatment for cancer
- 17.5 Partner with payers to improve reimbursement for advance care planning conversations to supplement Centers for Medicare and Medicaid Services payment rates
- 17.6 Work to mandate advance care planning services for all Minnesotans
- 17.7 Partner with health care systems to work collaboratively to promote expanded and effective use of advance care planning



## OBJECTIVE 18 ■ ■ ■

**Increase the utilization of palliative care services****STRATEGIES**

- 18.1 Conduct a large-scale community awareness and education campaign that uses consistent messaging about palliative care
- 18.2 Support collaborative learning ventures among partners that help establish and grow new palliative care programs
- 18.3 Increase the number of health professionals trained in adult and pediatric palliative care
- 18.4 Promote systems change to integrate palliative care, following practice guidelines, with routine cancer care
- 18.5 Educate health care professionals about tools and resources they can use to facilitate meaningful, culturally sensitive conversations with patients and families about palliative care

**Scott Nelson**

Minneapolis, MN

Enjoying life to the fullest  
with family and friends;  
Patient advocate helping in  
the fight against cancer.  
Diagnosed with pancreatic  
cancer at age 50.  
12+ year survivor



## OBJECTIVE 19 ■ ■ ■

### Increase the utilization of hospice services

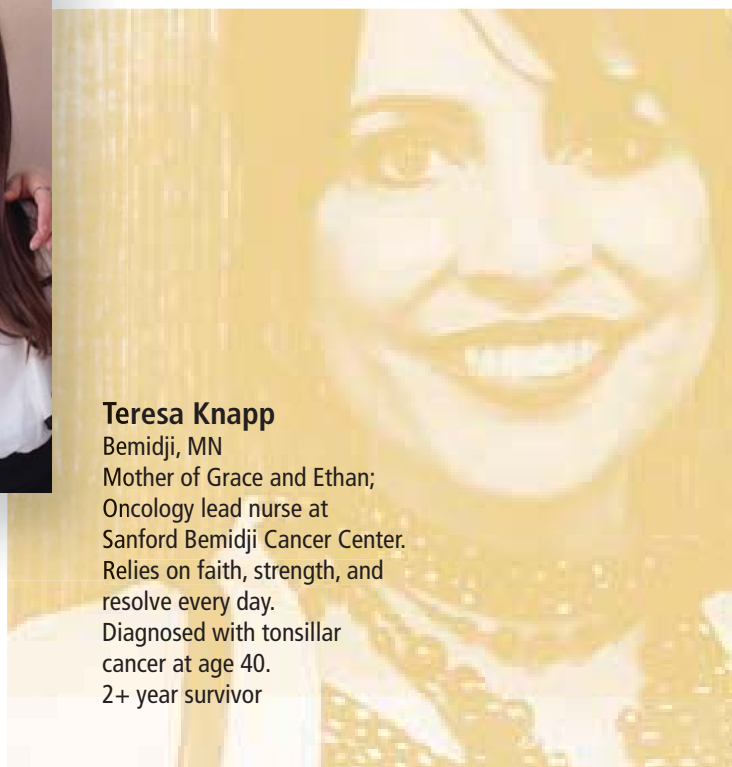
#### STRATEGIES

- 19.1 Conduct a large-scale community awareness and education campaign that uses consistent messaging about palliative care and hospice
- 19.2 Educate health professionals, including those in training, about tools and resources that can help them to have meaningful, culturally sensitive conversations with patients and families about hospice and palliative care services
- 19.3 Increase the number of primary care providers receiving continuing medical education about hospice care
- 19.4 Increase the number of nurses completing palliative care training courses



#### **Teresa Knapp**

Bemidji, MN  
 Mother of Grace and Ethan;  
 Oncology lead nurse at  
 Sanford Bemidji Cancer Center.  
 Relies on faith, strength, and  
 resolve every day.  
 Diagnosed with tonsillar  
 cancer at age 40.  
 2+ year survivor



# MEASURES AND 2025 TARGETS FOR ACTION

## 1. Scope and quality of data

**Measure:** Number of cancer plan objectives that have meaningful measures of success  
**Data Source:** Cancer Plan Minnesota 2025  
**Baseline:** 12 (2016) **Target:** 19

---

## 2. Breast, cervical and colorectal cancer screening

**Measure:** Mammography screening among women enrolled in Minnesota Health Care Programs  
**Data Source:** MN Community Measurement  
**Baseline:** 61.5% (2015) **Target:** 80%

**Measure:** Mammography screening among women insured by other purchasers  
**Data Source:** MN Community Measurement  
**Baseline:** 76.8% (2015) **Target:** 85%

**Measure:** Cervical cancer screening among women enrolled in Minnesota Health Care Programs  
**Data Source:** MN Community Measurement  
**Baseline:** 61.6% (2015) **Target:** 80%

**Measure:** Cervical cancer screening among women insured by other purchasers  
**Data Source:** MN Community Measurement  
**Baseline:** 74.2% (2015) **Target:** 80%

**Measure:** Colorectal cancer screening among men and women enrolled in Minnesota Health Care Programs  
**Data Source:** MN Community Measurement  
**Baseline:** 53.9% (2015) **Target:** 74%

**Measure:** Colorectal cancer screening among men and women insured by other purchasers  
**Data Source:** MN Community Measurement  
**Baseline:** 74.3% (2015) **Target:** 84%

---

## 3. Genetic counseling and testing

**Measure:** Percent of women with breast cancer age 45 or younger who are referred for genetic counseling  
**Data Source:** TBD (Potential use of MN All Payer Claims Database)  
**Baseline:** TBD **Target:** 25% increase

---

## 4. Lung cancer screening

**Measure:** Utilization of low dose CT screening  
**Data Source:** TBD (Potential use of All Payer Claims Database)  
**Baseline:** TBD **Target:** TBD

---

## 5. Support services

**Measure:** Percent of cancer patients, caregivers and survivors who receive needed clinical and non-clinical support services  
**Data Source:** Minnesota Cancer Survivorship Survey (to be developed)  
**Baseline:** TBD **Target:** TBD



## 6. Patient navigation

**Measure:** Number of community health workers, cancer patient navigators and cancer care coordinators in the workforce

**Data Source:** TBD

**Baseline:** TBD **Target:** TBD

---

## 7. Survivorship care plans

**Measure:** Percent of cancer patients who receive a survivorship care plan

**Data Source:** Minnesota Behavioral Risk Factor Surveillance Survey

**Baseline:** 48.7% (2014) **Target:** 75%

---

## 8. Financial and legal burdens

**Measure:** Percent of cancer patients and survivors who experience financial and legal burdens

**Data Source:** Minnesota Cancer Survivorship Survey (to be developed)

**Baseline:** TBD **Target:** TBD

---

## 9. Rehabilitation

**Measure:** Percent of cancer survivors referred for (or who receive) cancer rehabilitation and wellness services

**Data Source:** Minnesota Cancer Survivorship Survey (to be developed)

**Baseline:** TBD **Target:** TBD

---

## 10. Clinical trials

**Measure:** Number of cancer patients participating in cancer treatment clinical trials

**Data Source:** TBD

**Baseline:** TBD **Target:** TBD

---

## 11. Tobacco use - general

**Measure:** Percent of adults who smoke

**Data Source:** Minnesota Adult Tobacco Survey

**Baseline:** 14.4% (2014) **Target:** 10.5%

---

## 12. Tobacco use - disparities

**Measure:** Percent of Minnesotans with no education beyond high school who smoke

**Data Source:** Minnesota Adult Tobacco Survey

**Baseline:** 21.7% (2014) **Target:** 18.5%

---

## 13. Obesity

**Measure:** Percent of Minnesotans who are obese

**Data Source:** Minnesota Behavioral Risk Factor Surveillance Survey

**Baseline:** 26.1% (2015) **Target:** 23.1%

# MEASURES AND 2025 TARGETS FOR ACTION

## 14. HPV vaccination

**Measure:** Percent of adolescents age 13-17 who complete the recommended 2-dose series of HPV vaccinations

**Data Source:** National Immunization Survey - Teen

**Baseline:** Being re-established to reflect 2016 change in ACIP (Advisory Committee on Immunization Practices) recommendations **Target:** 85%

---

## 15. Radon

**Measure:** Number of residential properties/units in low income neighborhoods that install radon mitigation equipment

**Data Source:** MDH Indoor Air Unit Radon Survey (in development)

**Baseline:** TBD **Target:** 10% increase

---

## 16. Sunburn and indoor tanning

**Measure:** Percent of adults who report sunburn in the last 12 months

**Data Source:** Minnesota State Survey, University of Minnesota

**Baseline:** 23.9% (2013) **Target:** 16%

**Measure:** Percent of White female 11th graders who tan indoors

**Data Source:** Minnesota Student Survey

**Baseline:** 9% (2016) **Target:** 1%

**Measure:** Percent of American Indian female 11th graders who tan indoors

**Data Source:** Minnesota Student Survey

**Baseline:** 8% (2016) **Target:** 1%

---

## 17. Advance care planning

**Measure:** Percent of adults who have completed a health care directive

**Data Source:** Minnesota Behavioral Risk Factor Surveillance Survey

**Baseline:** 31.6% (2014) **Target:** 40%

---

## 18. Palliative care

**Measure:** Claims for palliative care services

**Data Source:** TBD (Potential use of All Payer Claims Database)

**Baseline:** TBD **Target:** TBD

---

## 19. Hospice

**Measure:** Median length of stay in hospice for cancer patients

**Data Source:** Hospice Analytics

**Baseline:** 22 days (2014) **Target:** 25 days

# STEERING COMMITTEE 2016

**Chair** Kenneth Bence, *Medica*

**Vice Chair** Cathy Skinner, *The Art of Well*

**Secretary/Treasurer** Ruth Bachman, *Masonic Cancer Center Community Advisory Board*

## Members

Anne Carlson Davis, *Colon Cancer Coalition*

Katie Engman, *Association for Non-Smokers - MN*

DeAnna Finifrock, *Fond du Lac Health and Human Services*

Matt Flory, *American Cancer Society*

Thomas Flynn, *Minnesota Medical Association*

Shari Hahn, *Sanford Health of Northern Minnesota*

Leah Hebert Welles, *Open Arms of Minnesota*

Jerri Hiniker, *Stratis Health*

Nancy Hutchison, *Virginia Piper Cancer Institute, AllinaHealth*

Barb Kunz, *Humphrey Cancer Center*

DeAnn Lazovich, *Masonic Cancer Center, University of Minnesota*

Shelly Madigan, *Minnesota Department of Health*

Kris Rhodes, *American Indian Cancer Foundation*

Sue Schettle, *Twin Cities Medical Society*

Anne Snowden, *MN Community Measurement*

Pat Stieg, *Blue Cross and Blue Shield of Minnesota*

Richard Zera, *Hennepin County Medical Center; State Chair Commission On Cancer*

Ann Vogel, *Individual Member*

Lindy Yokanovich, *Cancer Legal Line*

## Contributors

Ruth Bachman, Tia Bastian, Ellie Beaver, Jana Beckering, Lisa Belak, Ken Bence, Reona Berry, Michonne Bertrand, Anne Blaes, Britteny Dahlin, Jodie Dvorkin, Kiara Ellis, Katie Engman, Lynn Everling, Matt Flory, Pam Franklin, Stephanie Gill, Gabriel Glissmeyer, Catherine Graeve, Holly Guerrero, Shari Hahn, Deb Hennrikus, Jerri Hiniker, Heather Hirsch, Laurel Huffman, Nancy Hutchison, Heather Kehn, Kristen Kopski, Jane Korn, Thomas Kottke, Barbara Kunz, Warren Larson, DeAnn Lazovich, Joseph Leach, Rachel Lerner, Jennifer Lundblad, Maggie Maggio, Sarah Manes, Toni Kay Mangskau, Susan Marschalk, Belle Matheson, Donna McDuffie, Pat McKone, Scott Nelson, Erin O'Gara, Syndal Ortman, Michael Parks, Sumedha Penheiter, Lisa Randall, Brian Rank, Kris Rhodes, Benita Robinson, Angie Rolle, Cheri Rolnick, Margaret Rothstein, Kathryn J. Ruddy, Patricia Ruiz, Emma Sacco, Sue Schettle, Julie Schiling-Varvel, Janelle Shearer, Catherine Skinner, Anne Snowden, Jeanne Steele, Patrick Steig, Michelle Strangis, Rebecca Staub, Christina Thill, Dan Tranter, Ann Vogel, Anne Walaszek, Andres Wiernik, John Wilkinson, Lindy Yokanovich, and Richard Zera



## MINNESOTA DEPARTMENT OF HEALTH

Health Promotion and Chronic Disease Division

PO Box 64882, St. Paul, MN 55164-0882

651-201-3607

[www.mncanceralliance.org](http://www.mncanceralliance.org)

*Development of this plan was facilitated by the Comprehensive Cancer Control Program, Minnesota Department of Health and was funded in part by Cooperative Agreement Number 5U58DP000802-05 from the National Comprehensive Cancer Control Program at the Centers for Disease Control and Prevention. Its content does not represent the official view of any organization.*

01/2017



minnesota cancer alliance

