

PATIENTS  
are our  
PURPOSE

### KEY ASSETS POSITION US FOR SUCCESS



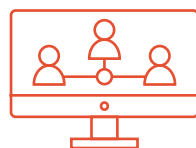
More than 15 brain tumor faculty specialists, including internationally recognized leaders



A world-class brain tumor training program and a talented cadre of trainees



Basic science excellence and integrated lab-bench-to-patient bedside research, including patient-donated biospecimens



Exceptional resources such as the Utah Population Database, which includes millions of anonymized records used in biomedical and health-related research



Novel clinical trials, with more than 20 brain tumor trials open to accrual as of October 2021



Multidisciplinary brain tumor clinic and disease center of excellence offering patients and their families comprehensive, cutting-edge treatments such as proton therapy

### ACTIVITIES TO SUPPORT COMMUNITY OUTREACH AND COLLABORATION

- **WEEKLY** tumor board meetings, which bring together experts across the care continuum—from neuropathologists, neuro-oncologists, and neuroradiologists to neurosurgeons and social workers—to discuss the best treatment plan for each individual patient
- **MONTHLY** brain tumor research coordination meeting to share ideas and explore partnerships
- **BIANNUAL** brain tumor symposium open to patients and families

### OUR MANY EXPERIENCES AT HUNTSMAN CANCER INSTITUTE HAVE BEEN EXCEPTIONAL.

They have provided state-of-the-art treatments, care, and kindness to Josh and our family... We believe in the ongoing neuro-oncology research at Huntsman Cancer Institute and it is critical for brain cancer breakthroughs. We hope and pray for the improved care that is the outcome of research in neuro-oncology. We know it will provide a brighter future for other families that experience brain cancer."

#### JANA & MARK PAUL

Pictured (top) with son Josh, center, a brain cancer survivor/patient who received his initial diagnosis as a University of Utah senior.

### HOPE IS THE ONLY THING WE CAN REALLY CONTROL, AND OUR ATTITUDE.

I'm just hoping that I can live a long life with my wife, Leah, and that I can outlive the cancer and somehow stay ahead of the medicine until there is a better answer for the cancer that I have."

#### JOSH DUNN

Pictured (bottom) with his wife, Leah. Josh is a glioblastoma patient who received his initial diagnosis as a University of Utah student.

# TOGETHER

*we can make a major impact in*

# NEUROLOGIC CANCERS



Huntsman Cancer Institute is focused on new ways to treat brain cancer, a disease that is devastating families and impacting young people at an increasing rate in Utah and the Mountain West.





## THANKS TO THE EXTRAORDINARY GENEROSITY OF DONORS LIKE YOU,

Huntsman Cancer Institute (HCI) is uniquely positioned to make a major impact in cancer. Our patients, families, and donors have challenged us to envision the real possibility of a future free from cancer. In honor of all those impacted by this terrible disease, we are committed to preventing cancer now and in future generations.

In this proposal, we present to you an opportunity to invest your philanthropic gifts to focus on new ways to prevent and treat neurologic cancer, an area of urgent need. Neurologic cancers are noted for their lack of viable treatment options, aggressive growth (particularly in young people), and propensity for lethal metastasis.

Brain cancer presents a unique medical challenge, given the severity of treatment impacts on the quality of life for individuals who are diagnosed with this disease, as well as a very high mortality rate.

Building on our established foundation of world-renowned brain tumor experts and a strong clinical trial portfolio including novel treatments such as immunotherapy, viral delivery, and targeted therapy, your investment will further fuel our impact and allow us to:

- ACCELERATE PROGRESS** by expanding our team and facilitating collaboration between researchers in the lab and physicians in the clinic to drive the field forward.
- CHALLENGE CONVENTIONAL PARADIGMS** by introducing novel concepts in the areas of brain tumor prevention, prognostics, and therapeutics.
- DEVELOP NEW APPROACHES** and interventions with the ultimate goal of reducing patient suffering from tumors of the brain, spine, and skull base locally, nationally, and internationally.

With the partnership of doctors, scientists, nurses, students, patients, families, and donors such as you, TOGETHER, we will make great strides toward eradicating brain cancer once and for all.

Sincerely yours,

**HOWARD COLMAN, MD, PHD**  
**RANDY L. JENSEN, MD, PHD**



## HCI IS UNIQUELY POSITIONED TO MAKE A DIFFERENCE IN BRAIN CANCER

Our vision is to build on HCI's strong history to become the premier neurologic cancers program in the country, and address a critical need for more targeted treatments for this disease. A number of key assets position us for success (see back cover).

### NEUROLOGIC CANCERS CENTER PROGRAM GOALS

Become the recognized world leader in specialized programs of research excellence in neurologic cancers, offering cutting-edge care for primary tumors of the brain, spinal column, and neuroendocrine system, including prevention, treatment, and novel clinical trials for patients with advanced disease.



**DISCOVER** information in the lab that can be quickly translated to advances in patient clinical care.



**DEVELOP** new clinical trials aimed at improving diagnosis, treatments, and outcomes.



**MENTOR** the next generation of exceptional researchers and leaders in neurologic cancers.

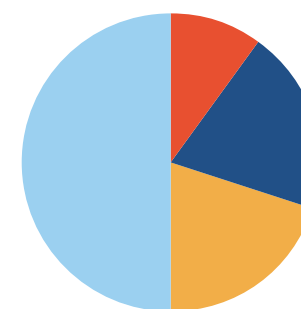
### INVESTMENT PROPOSAL: \$10 MILLION

■ **\$5M** to attract and retain top talent, including senior physicians and research leaders

■ **\$1M** to support promising trainees

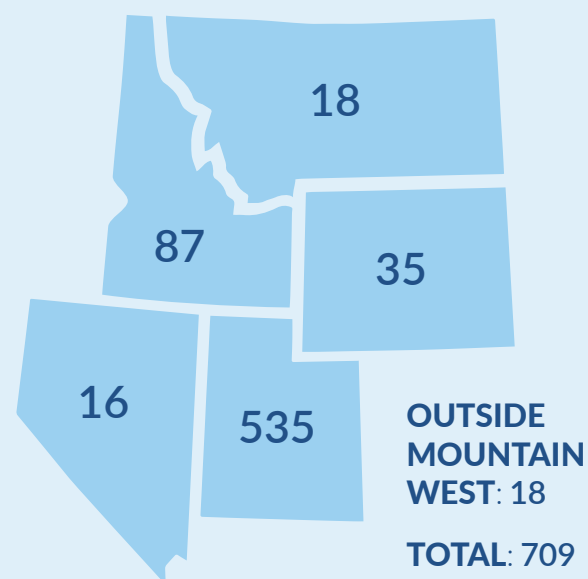
■ **\$2M** to support early-stage pilot studies with potential for competitive external funding

■ **\$2M** to support clinical trials emanating from original discoveries made in the labs of our own investigators



### Map of Patient Referrals

Number of neuro-oncology HCI patients from each Mountain West state



## People Are Our Greatest Asset

### RECRUITING ENHANCES OUR IMPACT

#### SAM CHESHIER, MD, PHD

*Pediatric neurosurgeon and brain tumor researcher; recruited from Stanford*

Dr. Cheshier focuses on enhanced immunotherapy treatment of pediatric and adult brain tumors, including a first-in-human clinical trial that uses an antibody to help the immune system recognize and attack gliomas and other primary brain tumors.



#### JOE MENDEZ, MD

*Physician-scientist; recruited from Memorial Sloan-Kettering Cancer Center*

Dr. Mendez focuses on treating patients with gliomas and metastatic disease of the central nervous system. He is active in clinical trial research and teaching and mentoring medical students, residents, and fellows.



### INVESTING IN THE NEXT GENERATION

HCI has the only accredited neuro-oncology fellowship program in the Mountain West. We train residents from neurosurgery, radiation oncology, and medical oncology. Trainees spend time with our team in the clinics, operating room, and treatment centers to learn how to treat cancers of the central nervous system.