

2024 MIDWEST

RADIATION ONCOLOGY

SYMPOSIUM

**Unlocking Innovations in Cancer Care –
AI in Radiation Oncology**

Charles A. Enke, MD, FASTRO, FACR
Professor and Chair
Department of Radiation Oncology
University of Nebraska Medical Center/Nebraska Medicine
Omaha, Nebraska U.S.A.



Thank You for Joining Us in Person or Online

Our audience includes:

Radiation, Medical and Surgical Oncologists

Oncology Nurses, Nurse Practitioners, Physician Assistants

Medical Physicists, Dosimetrists, Radiation Therapists

**Fellows, Residents and Students in Oncology Training
Programs**

Our International Guests



**FRED & PAMELA
BUFFETT CANCER CENTER**

Thank You

We gratefully acknowledge the following for their support

Educational Grant

- Varian Medical Systems

Exhibitors

- Regeneron
- Servier Pharma
- Varian Medical Systems



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Thank You Symposium Planning Committee

Michael Baine, MD, PhD

Dinah Clark

Valeta Creason-Wahl, MMP

Charles A Enke, MD, FASTRO, FACR

Tori Greenlee

Julie Huglin

Heidi Keeler, PhD, MSN/MBA, RN

Yu Lei, PhD

Chi Lin, MD, PhD

Renee Paulin, MSN, RN, CWOCN

Brenda Ram, CMP, CHCP

Hongmei Ren, BSN, RN

Ann L Yager, MHA, BS, RT, (R), (T), (CT)

Chi (Kevin) Zhang, MD, PhD

Thank You Dr. Chi Lin and Brenda Ram for Your Ongoing Efforts to Make the Midwest Radiation Oncology Symposium Series a Success, 5th Year in a Row!



Welcome to Our New Faculty

Physicians

Patrice Cohen, MD, PhD

Breann Bower, MD

Kateeb Khan, MD

William Lo, MD, PhD

Physicists

Ruirui Liu, PhD

Mark Chan, PhD

Hem Moktan, PhD

Ellie Bacon, MS

Researchers

Sadah Mahfooz, PhD



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Our New Cancer Center Director Joann Sweasy, PhD



Joann B. Sweasy, PhD, an internationally recognized comprehensive cancer center director and an expert in the genetics, cell biology and biochemistry of DNA repair, has been named the next director of the Fred & Pamela Buffett Cancer Center and the Eppley Institute for Research in Cancer and Allied Diseases

We Don't Coast

Fast Facts

Since June 2017
Opening

FRED & PAMELA
BUFFETT CANCER CENTER



25,431

people cared for in the
CL Werner Cancer Hospital.

Cancer researchers
working in the Suzanne
and Walter Scott
Research Tower have
been awarded over

\$240 MILLION
IN NEW GRANT
FUNDING.

83,318

patients treated in
outpatient clinics.



94 NEW PHYSICIANS
AND SCIENTISTS

have joined or will soon
join the cancer center.



152% increase in patients
in cancer clinical trials.



FRED & PAMELA BUFFETT
CANCER CENTER

We Were Honored to Be Recognized in the Latest US News & World Report:

Best Hospitals For Cancer

[Home](#) / [Best Hospitals](#) / [NE](#) / [Nebraska Medicine-Nebraska...](#) / [Cancer Rankings](#)



Fred & Pamela Buffett Cancer Center Cancer

Omaha, NE

#45 in Cancer



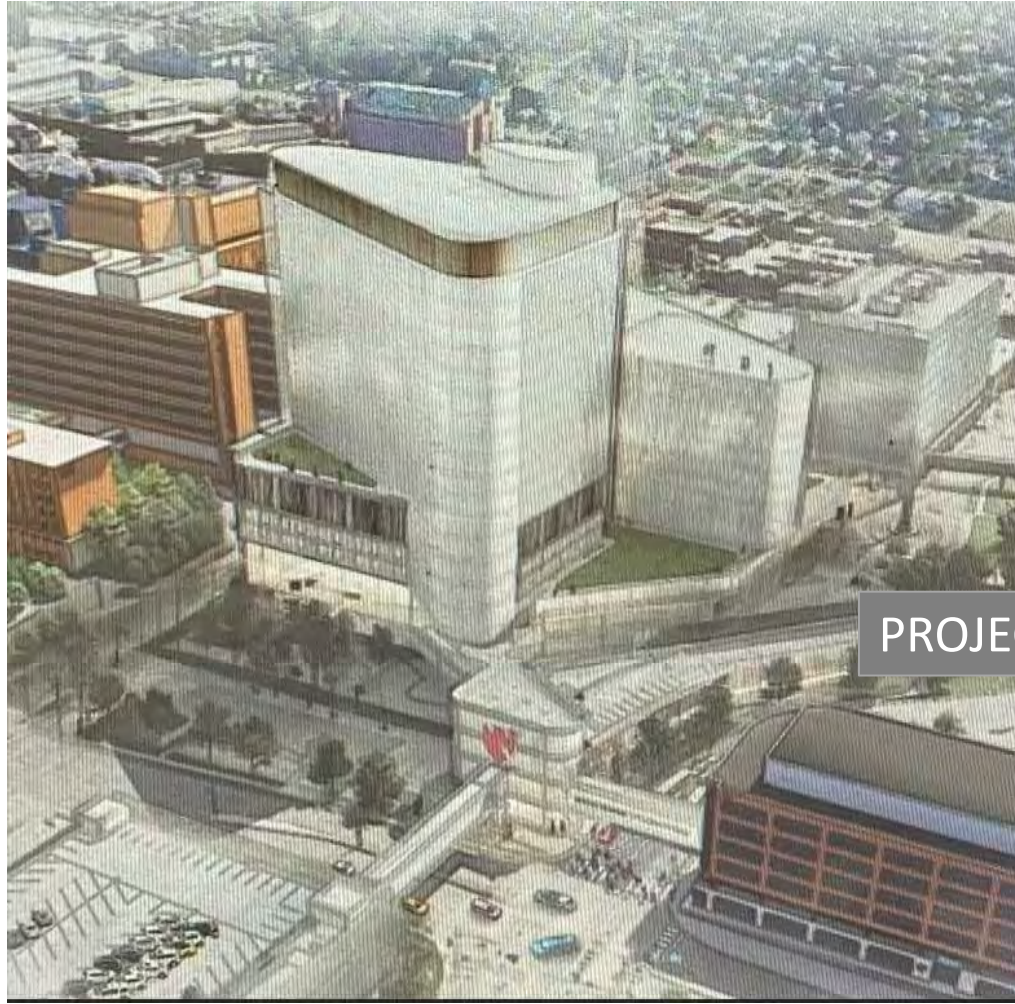
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The Present



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The Future



PROJECT HEALTH



FRED & PAMELA
BUFFETT CANCER CENTER

PROJECT CATALYST

(Opening Late 2024)



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BUFFETT CANCER CENTER

NEBRASKA MEDICINE KEARNEY CANCER CENTER **COMING SOON!**



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Thank You to All of Our Speakers

- 28 presentations over the next 2 days!
- Please silence your cell phones



AI Make Caveman Afraid



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It's Okay B9, AI is Your Friend



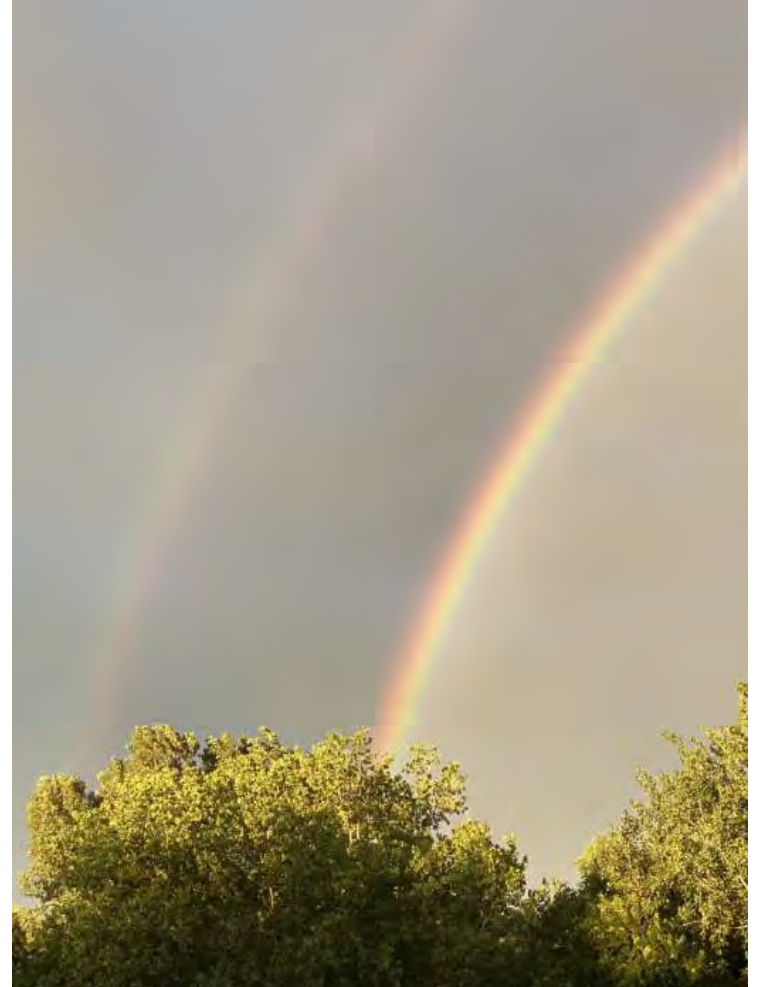
**WARNING!
WARNING!**

**DANGER!
DANGER!**



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Stay Calm & Chi On



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KEYNOTE PRESENTATION

Advances in AI-Prediction Models for Radiation Oncology

Clifton David Fuller, MD, PhD

Professor, Department of Radiation Oncology

The University of Texas MD Anderson Cancer Center

Houston Texas

A National Cancer Institute
Designated Cancer Center



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Congratulations MD Anderson Cancer Center



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