

**Breakthrough Board
PROJECTS FUNDED -**

2025 Projected \$1,000,000

\$200,000 Cellular Therapy
\$200,000 Microbiome Research
\$100,000 AI.ONCOCURE
\$200,000 The Breakthrough Board Team Science Award
\$100,000 Ben May Department of Cancer Research
\$50,000 Young Investigator Award (second half)
\$50,000 Young Investigator Award (first half)
\$50,000 Pediatric Research Grant
TBD TBD Breast Cancer Research Grant

2024 \$1,000,000

\$200,000 Cancer Center Microbiome Core
\$125,000 Leading-Edge Therapies for Solid Tumors
\$125,000 Theranostics Research Support
\$100,000 Argonne Collaborative
\$100,000 Cancer Metabolomics R&D
\$100,000 Spatial Transcriptomics Research
\$50,000 Young Investigator Award (second half)
\$50,000 Young Investigator Award (first half)
\$50,000 Ben May Department of Cancer Research
\$50,000 Committee on Cancer Biology Graduate Program
\$50,000 "Near The Payline" NCI Grant Applications

2023 \$1,050,000

\$50,000 Young Investigator Award (second half)
\$50,000 Young Investigator Award (first half)
\$150,000 Clinical Pipeline Enabling Award
\$100,000 Argonne Collaborative
\$100,000 Medicinal Chemistry R&D
\$150,000 Immunoengineering R&D
\$150,000 IND Enabling Studies
\$150,000 The Breakthrough Board Team Science Grant
\$100,000 Ben May Department of Cancer Research
\$50,000 "Near the Payline" NCI Grant Application

2022

\$1,050,000

\$50,000 Young Investigator Award
\$150,000 Cancer Metabolomics Core Facility
\$150,000 Ben May Department for Cancer Research
\$125,000 TGRE

\$100,000 Colorectal Cancer Immunotherapy
\$100,000 Improving Quality of Life and Outcomes for Head
\$100,000 Head and Neck Cancer Biomarker-driven HPV de-
\$100,000 Identification of Solid Tumor Target for Women's
\$100,000 Head and Neck Cancer ATRA enhances effects c
\$75,000 Community Impact - Cervical Cancer

2021

\$270,000
\$70,000 Personalized Cancer Treatments
\$100,000 Spotlight: Leveraging AI/ Data to Understand, Dia
\$100,000 Spotlight: Tumor Biology - Metabolism

2020

\$950,000
\$150,000 Ben May Department for Cancer Research
\$100,000 Human Tissue Resource Center
\$80,000 Committee on Cancer Biology
\$50,000 Funding Support for "Near the Payline" NCI Grant
\$70,000 Personalized Cancer Treatments
\$50,000 Women's Board Senior Scholar
\$100,000 Spotlight: Leveraging AI/Data Science to understa
\$100,000 Spotlight: Tumor Biology - Modeling and understa
\$100,000 Spotlight: Cancer Risk and Prevention - Adopting I
\$150,000 Team Science Grant - Addressing the cancer comr

2019

\$1,030,000
\$150,000 Ben May Department for Cancer Research
\$100,000 Human Tissue Resource Center
\$80,000 Committee on Cancer Biology
\$50,000 Funding Support for "Near the Payline" NCI Grant
\$70,000 Personalized Cancer Treatments
\$50,000 Women's Board Senior Scholar
\$100,000 Spotlight: Risk Assessment and Prevention - Imag
\$100,000 Spotlight: Tumor Biology and Innovative Treatme
\$100,000 Spotlight: Tumor Biology and Innovative Treatme
\$100,000 Spotlight: Tumor Biology and Innovative Treatme
\$100,000 Spotlight: Survivorship - Value of Cancer Care: Low
\$30,000 High-Priority Collaborative Initiatives

2018

\$1,150,000
\$150,000 Team Science
\$150,000 Janet D. Rowley Discovery Fund
\$150,000 Ben May Department for Cancer Research
\$100,000 Spotlight: Survivorship in AYA Patients
\$100,000 Spotlight: Cancer Risk Reduction

\$100,000 Innovation in Breast Cancer Screening & Diagnosis
\$100,000 Human Tissue Resource Center
\$80,000 Committee on Cancer Biology
\$70,000 Personalized Cancer Treatments
\$50,000 Women's Board Senior Scholar
\$50,000 Radiotracers for Cancer Detection & Monitoring T
\$50,000 Near the Payline Grant Applications

2017

\$1,700,000

\$350,000 The Microbiome and Cancer
\$350,000 The Cancer Epitranscriptome
\$150,000 Team Science
\$150,000 Ben May Department for Cancer Research
\$150,000 Janet D. Rowley Discovery Fund
\$100,000 Spotlight: Prostate Cancer
\$100,000 Spotlight: Women's Cancer
\$100,000 Spotlight: Pediatric Cancer
\$100,000 Human Tissue Resource Center
\$80,000 Committee on Cancer Biology
\$70,000 Personalized Cancer Treatments

2016

\$900,000

\$150,000 Team Science
\$150,000 Ben May Department for Cancer Research
\$150,000 Janet D. Rowley Discovery Fund
\$100,000 Human Tissue Resource Center
\$100,000 Oral Microbiome and Cancer Risk
\$80,000 Committee on Cancer Biology
\$70,000 Personalized Cancer Treatments
\$50,000 Genetics of Chemotherapy-induced Side Effects P
\$50,000 Novel Cyclotron-Based Radiotracers for Cancer R€

2015

\$1,000,000

\$280,000 Team Science
\$150,000 Ben May Department for Cancer Research
\$145,000 Janet D. Rowley Discovery Fund
\$100,000 Human Tissue Resource Center
\$90,000 Precision Oncology-Immunotherapy
\$80,000 Committee on Cancer Biology
\$70,000 Chicago Multiethnic Prevention & Surveillance St
\$50,000 Personalized Cancer Care Consortium
\$35,000 Innovative Early Phase Clinical Research by UCCC

2014

\$825,000

\$280,000 Team Science

\$150,000 Ben May Department for Cancer Research
\$100,000 Human Tissue Resource Center
\$85,000 Chicago Multiethnic Cohort
\$80,000 Committee on Cancer Biology
\$50,000 Personalized Cancer Care Consortium
\$30,000 Translational and Personalized Precision Oncology
\$25,000 Human Imaging Research Office
\$25,000 Continuing Umbrella of Research Experience (CURE)

2013

\$625,000
\$150,000 Ben May Department for Cancer Research
\$150,000 Team Science
\$100,000 Human Tissue Resource Center
\$80,000 Committee on Cancer Biology
\$50,000 Chicago Multiethnic Cohort
\$50,000 Personalized Cancer Care Consortium
\$35,000 Translational and Personalized Precision Oncology
\$10,000 Program in Cancer Economics

2012

\$600,000
\$200,000 Ben May Department for Cancer Research
\$100,000 Human Tissue Resource Center
\$80,000 Committee on Cancer Biology
\$50,000 Cancer Economics Program
\$50,000 Magnetic Resonance Imaging Research Center (MRI)
\$50,000 Chicago Multiethnic Cohort
\$50,000 Personalized Cancer Care Consortium
\$20,000 Informatics for Neuroblastoma Research

2011

\$540,000
\$100,000 Human Tissue Resource Center
\$80,000 Committee on Cancer Biology
\$75,000 Cancer Economics Program
\$75,000 Ben May Department for Cancer Research
\$70,000 Bioinformatics/Biostatistics in Basic Science
\$50,000 Clinical Trials Operational Efficiency via Computer
\$40,000 Prostate Cancer SPORE: Gene Expression Analysis
\$40,000 Committee on Clinical Pharmacology and Pharmacy
\$10,000 Pediatric Cancer: New Therapies for Neuroblastoma

2010

\$610,000
\$200,000 Ben May Department for Cancer Research
\$120,000 Committee on Cancer Biology

\$75,000 Basic Science Informatics
\$60,000 Human Tissue Resource Center
\$40,000 Committee on Clinical Pharmacology and Pharma
\$25,000 Information Technology to Accelerate Translation
\$15,000 Chemical library and pilot screen for soft tissue sa
\$50,000 Study of malignant cancer stem cells to identify n
\$25,000 Immunology research in acute myeloid leukemia

2009

\$590,000

\$200,000 Ben May Department for Cancer Research
\$120,000 Committee on Cancer Biology
\$60,000 Human Tissue Resource Center
\$50,000 Basic Science Informatics
\$10,000 Drug Discovery, Drug Development, and Advance
\$150,000 Interdisciplinary Cancer Research

2008

\$600,000

\$200,000 Ben May Department for Cancer Research
\$120,000 Committee on Cancer Biology
\$120,000 Bio- and Clinical Informatics
\$60,000 Human Tissue Resource Center
\$40,000 Epidemiology and Research Recruitment Core (ER
\$40,000 Pediatric Survivorship Clinic
\$20,000 Drug Discovery, Drug Development, and Advance

2007

\$600,000

\$200,000 Ben May Department for Cancer Research
\$133,000 Bio-clinical informatics
\$117,000 Committee on Cancer Biology
\$90,000 Drug Discovery, Drug Development, and Advance
\$60,000 Human Tissue Resource Core

2006

\$600,000

\$200,000 Ben May Department for Cancer Research
\$150,000 Drug Discovery, Drug Development, and Advance
\$110,000 Committee on Cancer Biology
\$60,000 Biomedical informatics
\$50,000 Clinical Informatics
\$30,000 Human Tissue Procurement Facility

2005

\$635,000

\$150,000 Ben May Department for Cancer Research
\$108,000 Committee on Cancer Biology
\$30,000 Human Tissue Procurement Facility
\$70,000 cGMP Facility

\$120,000 Drug Discovery, Drug Development, and Advance
\$75,000 Bioinformatics
\$79,000 Clinical Informatics
\$3,000 Small Animal Imaging

2004

\$625,000
\$272,000 Genetics-Proteomics-Drug Discovery Continuum
\$150,000 Ben May Department for Cancer Research
\$100,000 Committee on Cancer Biology
\$63,000 cGMP Facility
\$40,000 UCCRC AdvanceLink

2003

\$544,500
\$225,000 Genetics-Proteomics-Drug Discovery Continuum
\$120,000 Ben May Department for Cancer Research
\$100,000 Committee on Cancer Biology
\$30,000 UCCRC AdvanceLink
\$30,000 Population Science and Genetics
\$18,500 Functional Genomics
\$14,000 Magnetic Resonance Imaging Spectroscopy
\$7,000 Laser Capture Microdissection

2002

\$550,000
\$200,000 Genetics-Proteomics-Drug Discovery Continuum
\$120,000 Ben May Department for Cancer Research
\$100,000 Committee on Cancer Biology
\$45,000 Breast Cancer Research
\$40,000 Human Cellular Transplant and Gene Therapy Fac
\$40,000 Population Science and Genetics
\$5,000 Tumor Immunology Program

2001

\$540,700
\$200,000 Genetics-Proteomics-Drug Discovery Continuum
\$120,000 Ben May Department for Cancer Research
\$95,000 Committee on Cancer Biology
\$73,600 Cancer Resource Center and Breast Cancer resear
\$52,100 Genetic Microchips

2000

\$500,000
\$200,000 Peer Reviewed Research funds relating specificall
\$120,000 Ben May Department for Cancer Research
\$100,000 Committee on Cancer Biology
\$60,000 Laser Capture Microdissection
\$20,000 Development of Human Cellular Transplant & Gei

1999	\$400,000	
	\$120,000	Ben May Department for Cancer Research
	\$100,000	Committee on Cancer Biology
	\$80,000	Immunology research in Critical Pathways of Cell
	\$50,000	Cancer Prevention and Control
	\$25,000	Embryonic Stem Cell Facility
	\$25,000	Phosphor Imager
1998	\$400,000	
	\$120,000	Ben May Department for Cancer Research
	\$100,000	Committee on Cancer Biology
	\$80,000	Digital Light Microscopy
	\$50,000	Cancer Prevention and Control
	\$50,000	Embryonic Stem Cell Facility
1997	\$300,000	
	\$120,000	Ben May Department for Cancer Research
	\$100,000	Committee on Cancer Biology
	\$50,000	Embryonic Stem Cell Facility
	\$30,000	Biomedical Research Awards
1996	\$205,000	
	\$120,000	Ben May Department for Cancer Research
	\$50,000	Committee on Cancer Biology
	\$35,000	Monoclonal Antibody Facility
1995	\$180,000	
	\$100,000	Ben May Department for Cancer Research
	\$55,000	Monoclonal Antibody Facility
	\$25,000	Fellowship to Scott Holley
1994	\$155,000	
	\$120,000	Ben May Department for Cancer Research
	\$35,000	Monoclonal Antibody Facility
1993	\$168,870	
	\$168,870	Ben May Department for Cancer Research
1992	\$178,000	
	\$173,000	Ben May Department for Cancer Research
	\$5,000	Dr. Monica Morrow
pre-1992	\$2,500,000	
	\$2,500,000	Ben May Department for Cancer Research

