

**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: Lov  
 \$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 Re

**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 Sti  
 \$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 Pharmacokinetics  
 \$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

<b>1999</b>	<b>\$400,000</b>	
	\$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
<b>1998</b>	<b>\$400,000</b>	
	\$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
<b>1997</b>	<b>\$300,000</b>	
	\$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
<b>1996</b>	<b>\$205,000</b>	
	\$120,000	Ben May Department for Cancer Research
	\$50,000	Committee on Cancer Biology
	\$35,000	Monoclonal Antibody Facility
<b>1995</b>	<b>\$180,000</b>	
	\$100,000	Ben May Department for Cancer Research
	\$55,000	Monoclonal Antibody Facility
	\$25,000	Fellowship to Scott Holley
<b>1994</b>	<b>\$155,000</b>	
	\$120,000	Ben May Department for Cancer Research
	\$35,000	Monoclonal Antibody Facility
<b>1993</b>	<b>\$168,870</b>	
	\$168,870	Ben May Department for Cancer Research
<b>1992</b>	<b>\$178,000</b>	
	\$173,000	Ben May Department for Cancer Research
	\$5,000	Dr. Monica Morrow
<b>pre-1992</b>	<b>\$2,500,000</b>	
	\$2,500,000	Ben May Department for Cancer Research

<b>2006-2011</b>	<b>\$1,500,000</b>	Women’s Board Drug Discovery Lab (capital camp
2006	\$250,000	Women’s Board Drug Discovery Lab (capital camp
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