

**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
	\$50,000	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 and Neck Cancer Patients
	\$100,000	Head and Neck Cancer Biomarker-driven HPV de-escalation therapy
	\$100,000	Identification of Solid Tumor Target for Women's Cancer
	\$100,000	Head and Neck Cancer ATRA enhances effects of radiotherapy and immunotherapy
	\$75,000	Community Impact - Cervical Cancer
2021	\$270,000	
	\$70,000	Personalized Cancer Treatments
	\$100,000	Spotlight: Leveraging AI/ Data to Understand, Diagnose and Treat Cancer
	\$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 Applications
 \$70,000 Personalized Cancer Treatments
 \$50,000 Women's Board Senior Scholar
 \$100,000 Spotlight: Leveraging AI/Data Science to understand, diagnose and treat cancer
 \$100,000 Spotlight: Tumor Biology - Modeling and understanding cancer as a complex disease
 \$100,000 Spotlight: Cancer Risk and Prevention - Adopting novel measures to reduce risk and prevent cancer
 \$150,000 Team Science Grant - Addressing the cancer community's most provocative questions

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 Applications
 \$70,000 Personalized Cancer Treatments
 \$50,000 Women's Board Senior Scholar
 \$100,000 Spotlight: Risk Assessment and Prevention - Imaging technologies for early detection
 \$100,000 Spotlight: Tumor Biology and Innovative Treatment - Molecular drivers of tumor behavior
 \$100,000 Spotlight: Tumor Biology and Innovative Treatment - Translational research and precision genomics trials
 \$100,000 Spotlight: Tumor Biology and Innovative Treatment - Image guided therapy for cancer
 \$100,000 Spotlight: Survivorship - Value of Cancer Care: Lowering drug cost & side effects through reduced dosing approaches
 \$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 Treatment
 \$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 Project
 \$50,000 Novel Cyclotron-Based Radiotracers for Cancer Research

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 Study (COMPASS)
 \$50,000 Personalized Cancer Care Consortium
 \$35,000 Innovative Early Phase Clinical Research by UCCCC Investigators

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 (MRIRC)
 \$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-aided Knowledge (CLOCK)
 \$40,000 Prostate Cancer SPORE: Gene Expression Analysis
 \$40,000 Committee on Clinical Pharmacology and Pharmacogenomics
 \$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 Pharmacogenomics
	\$25,000	Information Technology to Accelerate Translational Research
	\$15,000	Chemical library and pilot screen for soft tissue sarcoma
	\$50,000	Study of malignant cancer stem cells to identify new therapies for prostate cancer
	\$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 Advanced Instrumentation
	\$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 (ERRC)
	\$40,000	Pediatric Survivorship Clinic
	\$20,000	Drug Discovery, Drug Development, and Advanced Instrumentation
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 Advanced Instrumentation
	\$60,000	Human Tissue Resource Core
2006	\$600,000	
	\$200,000	Ben May Department for Cancer Research
	\$150,000	Drug Discovery, Drug Development, and Advanced Instrumentation
	\$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 Advanced Instrumentation
	\$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 Facility
\$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 research
\$52,100 Genetic Microchips

2000

\$500,000

\$200,000 Peer Reviewed Research funds relating specifically to Gene Array Technology
\$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 & Gene Therapy Facility

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 Growth
\$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

2006-2011

\$1,500,000 Women's Board Drug Discovery Lab (capital campaign)

2006 \$250,000 Women's Board Drug Discovery Lab (capital campaign)

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