Dear friends and supporters,

The MIND Center experienced tremendous growth over the past year and further advanced its mission to unravel the causes of Alzheimer’s and dementia. We have officially settled into our new home in the UMMC Translational Research Center. The Gertrude C. Ford MIND Research Center encompasses the entire first floor, representing almost 15,000 square feet of this architecturally distinctive building.

We created this update to give you a comprehensive look into each aspect of The MIND Center’s missions in research, health care, and education. We are extremely proud of what we have been able to accomplish with your support.

On the pages of this report, you will read about our new key research initiative, the UMMC MIND Center–Mayo Clinic Study of Aging, the exciting growth of our clinical services, and our ever-expanding educational programs.

In addition, we wanted to take this opportunity to recognize the state legislature and the many individuals, foundations, and organizations who have contributed to accelerating The MIND Center’s Alzheimer’s research and have allowed us to bring critical dementia care services and education to Mississipians battling these diseases. I would also like to take a moment to thank our dedicated community advisory board members, our board chair, Suzan Thames, and our emeritus board chairman, Ambassador John Palmer, for their significant contributions to the creation and success of The MIND Center.

Together we are making great strides in our efforts to find ways to slow, stop, and ultimately prevent these devastating diseases and bring us one step closer to a world where Alzheimer’s is just a memory.

Sincerely,

DR. THOMAS MOSLEY
Dudley and Robbie Hughes Distinguished MIND Center Chair
MIND Center Director

Dear friends,

As Mississipians, we are truly blessed to have The MIND Center in our home state, leading the way in groundbreaking research in the field of Alzheimer’s and dementia.

When you support The MIND Center, you are supporting hope for millions of people suffering from Alzheimer’s and dementia worldwide. You are supporting research that could lead to therapies to slow, stop, or even prevent these diseases. You are taking a pivotal step toward a world where Alzheimer’s is no longer a threat.

Each of you has played a significant role in our success and we are extremely grateful for your support.

If you have not had the chance to tour our new Gertrude C. Ford MIND Research Center, I would like to personally invite you to take a tour so you may see firsthand your generous contributions at work.

To schedule a tour, contact Melissa Robinson by email at mrobinson6@umc.edu or by phone at 601.815.4299.

Please join us in fighting Alzheimer’s— together we can make a difference.

Sincerely,

SUZAN THAMES
MIND Center Community Advisory Board Chair
Advances in Research

The UMMC MIND Center–Mayo Clinic Study of Aging is a major new research study on Alzheimer's disease led by The MIND Center in collaboration with global research leader Mayo Clinic. This study represents the culmination of two decades of ongoing research between investigators at UMMC and Mayo Clinic in brain aging and dementia.

Launching in 2019, the study population will be randomly selected and will include men and women, African American and white, who are 55 years or older and live in Hinds, Rankin, or Madison Counties.

The goals of the study include (1) identifying the prevalence of cognitive changes and dementia in Mississippi, (2) finding early disease predictors to develop better tools for prevention and early diagnosis, and (3) discovering the factors behind the higher risk of cognitive decline in African Americans and differences in risk by geographic region.

A new Eye Determinants of Cognition (EyeDOC) Study that launched in 2018 uses sophisticated retinal imaging to identify predictors or changes in the eye representative of early cognitive impairment and dementia. A collaboration with Johns Hopkins University, this study of ARIC participants seeks to identify novel eye biomarkers as a safe, non-invasive screening tool for dementia.

The ARIC Microbiome Study examines digestive tract bacteria composition and neurocognitive function in the ARIC study population to identify the link to neuro-outcomes such as cognitive functioning, brain MRI abnormalities, and mild cognitive impairment or dementia.

In the spring of 2018, The MIND Center began recruiting new study participants from the community to participate in the Aging, Cognition, and Hearing Evaluation in Elders (ACHIEVE) Study, which examines the impact of healthy lifestyle coaching and hearing loss treatment on preventing or delaying cognitive decline.

The EyeDOC, Microbiome, and ACHIEVE Studies will add to our understanding of the causes of Alzheimer's and dementia and help identify new predictors and treatments for the diseases targeted at disease prevention and early intervention.

( cont’d)
The MIND Center completed its enrollment in the Imaging Dementia—Evidence for Amyloid Scanning (IDEAS) Study, which seeks to determine the efficacy of amyloid PET scanning on the diagnosis and treatment of Alzheimer’s disease. A total of 75 participants with atypical mild cognitive impairment or dementia were recruited in Mississippi by The MIND Center and analysis of collected data is underway.

The MIND Center’s Clinical Trials program expanded with its participation in the HARMONY and SERENE Studies, sponsored by Acadia Pharmaceuticals. The purpose of these clinical trials is to evaluate the efficacy of the drug Pimavanserin in treating agitation and aggression in Alzheimer’s disease and reducing hallucinations and delusions that are sometimes associated with dementia.

Additionally, The MIND Center participated in the GERAS-US Study sponsored by Eli Lilly and Company to learn about health care use, costs, and clinical outcomes over time for participants with early stage Alzheimer’s disease in the United States.

The MIND Center has multiple ancillary studies that are also funded by the NIH that examine the relationships between cognitive impairment and other medical conditions including diabetes, heart irregularities such as atrial fibrillation and calcification of the arteries, and overall heart function. These studies leverage the use of advanced diagnostic testing such as novel ECG monitoring, echocardiograms, and CT imaging. Several current projects study brain amyloid and intracranial atherosclerosis using detailed MRI/MRA imaging.
The MIND Center continued its free community education series **Mind Matters** at the UMMC Student Union building. Topics this past year included “Hearing Loss and Cognitive Decline,” “The Power of Music and the Mind,” “Positive Mental Health as You Age,” and “New Research into the Causes of Alzheimer’s and Dementia.” Experts on each subject provided information to patients and their caregivers who then had an opportunity to ask questions related to their specific situation.

The MIND Center hosted the **6th Annual Alzheimer’s State Planning Summit** in December 2017 for statewide constituents involved in the development and implementation of the 2015–2020 State of Mississippi Strategic Plan for Alzheimer’s Disease and Related Dementias.

In June 2018, The MIND Center hired a **Director of Education and Outreach** to further expand its provision of education and training to family caregivers, health care providers, and the general public. Kathy Van Cleave holds a master’s degree in social work and has over 24 years’ experience in health care. She was employed for the past 15 years by the Mississippi Department of Mental Health’s Division of Alzheimer’s Disease and Other Dementias, where she served as executive director.

**Art in Mind** continues to thrive by helping individuals with memory loss rebuild connections and improve cognitive abilities through art. The monthly program is a collaboration between The MIND Center, Alzheimer’s Mississippi, AARP, and the Mississippi Museum of Art, where participants observe and discuss art in the museum galleries then create their own artwork in a studio setting. Due to high demand for the program, a second session has been added each month to accommodate more participants.
The MIND Center
by the Numbers

Over $22 Million in private funding raised since inception

TOTAL PRIVATE GIFTS AND PLEDGES
(in millions)

<table>
<thead>
<tr>
<th>Year</th>
<th>Gifts &amp; Pledges</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>5</td>
</tr>
<tr>
<td>2011</td>
<td>4</td>
</tr>
<tr>
<td>2012</td>
<td>5</td>
</tr>
<tr>
<td>2013</td>
<td>7</td>
</tr>
<tr>
<td>2014</td>
<td>9</td>
</tr>
<tr>
<td>2015</td>
<td>8</td>
</tr>
<tr>
<td>2016</td>
<td>7</td>
</tr>
<tr>
<td>2017</td>
<td>25</td>
</tr>
<tr>
<td>2018</td>
<td>1,050,705</td>
</tr>
</tbody>
</table>
The MIND Center’s research is thriving with the addition of several new and exciting studies, and we now have 16 active grants funded by the National Institutes of Health (NIH) totaling more than $16 Million.
The MIND Center gratefully acknowledges the following donors who made gifts in support of our mission of education, research, and health care during the 2017–2018* year.

**Gifts of $100,000 or more**
- Gertrude C. Ford Foundation, Inc.
- Old Ladies Home Association
- The Sam E. and Burnice C. Wittel Foundation
- Sanderson Farms, Inc.
- Southern Farm Bureau Life Insurance Company
- St. Catherine’s Village Storey Foundation, Inc.
- Suzan and Tommy Thames and Family
- UMMC Department of Medicine
- University of Mississippi Medical Center
- Van Skiver Financial Services LLC
- Walker Foundation

**Gifts of $10,000 to $99,999**
- Anonymous
- Lucy and Kelly J. Allgood
- Donna and Jim Barksdale
- Billie and Albert H. Green
- H.F. McCarty, Jr. Family Foundation
- iHeart Media 105.1 The River
- Madison Charitable Foundation, Inc.
- Kristie and David Nutt
- Regions Bank
- Trustmark National Bank
- Underground 119 LLC
- Julian Watson
- WJTV News Channel 12

**Gifts of $5,000 to $9,999**
- Alzheimer’s Association Mississippi Chapter
- Dea Dea and Dolph Baker
- Bancroft Charitable and Educational Fund
- BankPlus
- Beau Ridge Memory Care
- Nancy and Cecil Brown
- James D. Brumfield
- EastGroup Properties
- The Fountain Family Foundation
- Allison and Jeff Fracchia
- Heather and Thomas Hixon
- John N. Palmer Foundation
- Johnson Controls
- Larry and Michael Johnson Family Foundation
- Mississippi Vein Institute
- Susan and Charles O’Mara
- The Park Companies
- Ashley and Wheeler Parker

**Gifts of $1,000 to $4,999**
- Allure Plastics
- Ardenland
- Tyler Armstrong
- Ann W. Barksdale
- Susan and Bobby Beebe
- Lisa and Michael Bemis
- BKD LLP
- Alicia and Earl Blanchard, Jr.
- Suzanne and William R. Boone
- Lana and Guy Boyll III
- Bradley Arant Boult Cummings LLP
- Robin and Troy Browning
- Jean B. Butler
- Hope and William Bynum
- Ann and Rick J. Calhoon
- Lee and John G. Corlew
- Courtney Elder Law Associates
- Kappi and David Craddock
- Clay and Stephen Davidson
- Stephanie and Don Davis
- Anne and Michael G. Dulske
- Cindy and Don Duncan
- Lesley Murray and Stephen Edds
- Janet and Lawrence Farrington
- Brian T. Fenelon
- First Commercial Bank

**Gifts of $1,000 to $4,999**
- Mary Helen Fontaine
- Joey and James Garner
- Sara and Michael Gleason
- Dolly and Hubert Goings III
- Judith and Daniel A. Grafton
- Katharine and Bo Gregg
- Albert and Marguerite M. Hackl
- Harper, Rains, Knight & Company, P.A.
- Jerri and Lucian A. Harvey, Jr.
- Sondra S. Holman
- Hederman Brothers Printing
- Horne CPA Group
- Lynn and Delbert Hosemann
- Jennifer and Rayford Hudson IV
- JML Builders LLC
- James E. Fowler Family Foundation
- Ellen and Charles G. Johnson
- Elta and James H. Johnston
- Anne Keenan
- Susie and Mike Kerce
- Suzanne and Ronald Kotfila
- Denise Lafferty
- Tricia and Trent Lott
- Hayley and John Lundy
- Claire and Richard Manship
- Cathy and George May, Jr.
- Suzannah McGowan
- Molly and William M. Meeks, Jr.
- Ashley and Victor Meena, Jr.
- Dianne and Kurt Metzner
- Elizabeth and Robert Mehrle, Jr.
- MHA Solutions, Inc.
- Beth and Clark Moore
- Melanie and Richard Morgan
- Emily and Thomas H. Mosley, Jr.
- Jan and William D. Mounger, Sr.
- Nucor Steel Jackson, Inc.
- James W. O’Mara, Jr.
- Denise and Bob Owens
- Owens Moss PLLC
- Joann and David Palmer
2017-2018 Donors

Shelia and Jim Palmer
Anne and Alan W. Perry
Beth and Dave Peterson
Phelps Dunbar LLP
Porter & Malouf, P.A.
Portico Jackson Magazine
Carol T. Puckett
Lisa and Alan Purdie
Barbara M. Redmont
Sondra Redmont
Judy and E. B. Robinson, Jr.
Meg and E. B. Robinson III
Cathey and David B. Russell
Beth and Steven Smith
Snapshot Publishing
Steel Service Corporation
Michelle and Scott Stringer
Ward and James Sumner
Jan and Andrew Townes, Jr.
Judith and Jay Travis III
Susan and Rodney F. Triplett, Jr.

Monica and Tom Underwood
University Wellness Centers
Marianne and Ronald D. Veazey
Elizabeth and Hamilton Walters
Malinda and James L. Warren
Julian B. Watson, Jr.
Betti and Walker Watters
Raney and Carter L. Watters
Nancy and Jack Welch
Dee and Lee I. White
Jean and James Williams
Ashley and Mark Willson
Cindy and Jeff Wilson
Wise Carter Child and Caraway, P.A.
Melinda and Ben Yarbrough
Kathleen and James Young

Gifts of $500 to $999
Alzheimer’s Mississippi, Inc.
Ameda Senior Care
Brenda Hayes-Williams & Assoc.

Kenneth R. Butler, Jr.
Classic Creations, Inc.
William G. Cook, Jr.
James J. Davis
Travis A. Fortin
Susan and Macy B. Hart
Jeane and Matt Herfurth
Howard and Mary Eliza McMillan Foundation
LHC Group, Inc.
Rondah and Peter Marks
Starr and Scott F. Miller
Margaret and Sam Morse
The Orchard
Quinton Robertson
Roderick Coleman Pediatric Dentistry
Marilyn Tipton
Patricia and Gene Wells
Wier Boerner Allin Architecture PLLC

*The fiscal year dates were July 1, 2017 to June 30, 2018.
In November 2017 The MIND Center unveiled a focal wall that honors its donors for cumulative giving of $10,000 or more from inception to June 30, 2018.

The wall, designed by Jackson-based firm Kiyomi, is inspired by brain scan imagery and features a moving light component that alludes to the firing of neurons. Kiyomi selected local artist Rob Cooper to create a stained glass portrait of Gertrude C. Ford, which is installed in a custom light box built by craftsman Joe Partridge. Jackson’s Pearl River Glass was enlisted to create donor nameplates. Local vendors Davaine Lighting and A+ Signs and Creative supplied and installed custom lighting and graphics.

**Partner**
$10 million or more
Gertrude C. Ford Foundation

**Benefactor**
$1 million to $9,999,999
Anonymous
Dudley and Robbie Hughes
Ambassador John N. Palmer
Robert M. Hearin Foundation

**Leader**
$500,000 to $999,999
Madison Charitable Foundation

**Ambassador**
$100,000 to $499,999
Donna and Jim Barksdale
C Spire Foundation
Ann and Rick Calhoun
Charles M. & Joanne M. Carraway Charitable Foundation
The Chisholm Foundation
The Elizabeth M. Irby Foundation
Entergy Mississippi, Inc.
Trustmark National Bank

**Patron**
$10,000 to $99,999
Lucy and Kelly Allgood
Phyllis and Reuben V. Anderson
Dea Dea and Dolph Baker
BankPlus
Blue Cross & Blue Shield of Mississippi
Nancy and Cecil Brown
Cal-Maine Foods, Inc.
Beverly and Donald Clark
Community Foundation of Greater Jackson
Lee and John Corlew
Meredith and Jimmy Creekmore
EastGroup Properties
Ergon
Feild Cooperative Association, Inc.
Allison and Jeff Fracchia
Charles Gates
Billie and Albert H. Green
GulfSouth Capital
H.F. McCarty, Jr. Family Foundation
Heritage Properties, Inc.
iHeart Media 105.1 The River
Vikki and Price Johnson
Jones Walker LLP
Julius King

Kevin Harris, Architect LLC
Mississippi Vein Institute
Morgan Keegan & Company, Inc.
Holley and Don Noblitt
Kristie and David Nutt
The Park Companies
Raymond James and Associates
Regions Bank
Runnels Center
Rudolph Runnels
The Sam E. and Burnice C. Wittel Foundation
Nan and Mike Sanders
Sanderson Farms
Southern Farm Bureau Life Insurance
St. Catherine’s Village
Storey Foundation
Suzan and Tommy Thames and Family
UMMC Department of Medicine
Underground 119
Kay and Ward Van Skiver
Walker Foundation
Watkins & Eager PLLC
Julian Watson
Allison and Guy White
Cindy and Jeff Wilson
WJTV News Channel 12
The Yates Companies, Inc.
Recognition Wall

Community support and private donations are critical to accelerating The MIND Center’s research and expanding our dementia care services to support Mississippians across the state. Join our giving society today to be a part of the solution.

To learn more or to make your gift, contact 601.815.4299 or mindcenter@umc.edu. Donate online at umc.edu/mindcenter.

Memories Matter—Be Part of the Solution.