**Lifespan Shared Values**

**COMPASSION**
Delivering care and comfort with empathy and kindness.

**ACCOUNTABILITY**
Taking ownership of actions and consequences.

**RESPECT**
Placing the highest value on every individual’s well-being, regardless of personal and professional differences.

**EXCELLENCE**
Always providing safe, high-quality, innovative care and service.
CONTENTS

MESSAGE FROM THE PRESIDENT AND CHIEF EXECUTIVE OFFICER AND THE CHAIRMAN OF THE BOARD 3

LIFESPAN HEALTH CARE SYSTEM STATISTICS 5

LIFESPAN 2025: WORKING TO CREATE A HEALTHIER FUTURE 7

COVID-19 RESPONSE 9

INFORMATION SERVICES 11

BUILDING A WORKFORCE FOR THE FUTURE 13

CLINICAL SERVICES 15

LIFESPAN PHYSICIAN GROUP 17

CARE TRANSFORMATION, QUALITY & SAFETY 18

GROUNDBREAKING RESEARCH 24

LIFESPAN LANDMARKS 21

AFFILIATE DISTINCTIONS 23

INDIVIDUAL AWARDS & DISTINCTIONS 24

INFRASTRUCTURE AND PARTNERSHIPS 26

COASTAL MEDICAL JOINS LIFESPAN TEAM 29

LIFESPAN IN THE COMMUNITY 30

LIFESPAN PHYSICIAN CHIEFS 31

CHIEF MEDICAL OFFICERS AND CHIEF NURSING OFFICERS 33

LIFESPAN LEADERSHIP 34

NEW LIFESPAN LEADERSHIP APPOINTMENTS 37

GIVING TO LIFESPAN 38

GOVERNANCE 45
A MESSAGE FROM THE PRESIDENT AND CHIEF EXECUTIVE OFFICER
AND THE CHAIRMAN OF THE BOARD

After nearly three pandemic years in which virtually every thought and action was dedicated to Covid-19 patients and to preventing Covid-19 in others, 2022 holds the promise of normality. While we know there will likely be additional variants and waves, we have also learned how to treat the virus, how to avoid it, and how to prepare for surges. And thanks largely to the vaccine, we are in a far better position than we were two years ago.

Even during the pandemic, Lifespan has not stood still. These pages reflect our most recent efforts to enhance healthcare in our state and our neighborhoods, and to address issues that present challenges to our workforce. One example is the area of mental health, which was highlighted by the pandemic. New mental health resources were made available to Lifespan team members and their families, including virtual health tools through NexGen EAP and other additional mental wellness support programs.

As in many industries, staffing continues to be an issue for us. We are focusing on retaining our excellent team members and attracting new ones, but the competition is truly fierce and the need is great throughout the country. We have increased compensation and added tuition reimbursement, among other incentives, and we hope this keeps us above the fray and keeps our valued team members with us. In addition, several new actions have been initiated to support employee well-being, such as peer support programs, integrative therapies, and more.

There has long been a need for additional primary care providers in our state, so Lifespan and Coastal Medical joined together this year and expanded their reach in Rhode Island and bordering communities in Massachusetts and Connecticut. We know this is a first step but it’s an important one. Primary care is the cornerstone of good health; when we address small medical issues before they become serious problems, patients and providers both win.

We opened the Bradley Hospital REACH program for children and teens, which was designed to reduce or eliminate self-harm and maladaptive behaviors, improve depressive and anxiety-related symptoms, help kids build coping skills, and decrease the need for hospitalization. All these needs existed prior to the pandemic, but the pandemic brought them to light.

As we continue to work on these and other priorities highlighted or created by the pandemic, we thank you all for your steadfast commitment to Lifespan, to our patients, and to the community.

With sincere gratitude,

Timothy J. Babineau, MD
President and Chief Executive Officer
Lifespan

Lawrence A. Aubin Sr.
Chairman
Lifespan Board of Directors
I have mixed emotions as I write this last annual report communication as president and chief executive officer of Lifespan. My years at Rhode Island Hospital and Lifespan have been the most gratifying of my career, and although I look forward to my next chapter, I will miss the excitement and challenge of this position.

Working with our teams, who have been both supportive and instructive, has truly been an honor. I am grateful to our physicians and chiefs, to all our clinicians, our staff, and our community—who entrusted their care to us. Thank you all.

Timothy J. Babineau, MD
President and Chief Executive Officer, Lifespan
LIFESPAN

Financial Performance

Total operating revenue $2,823,753
Total operating expenses 2,734,666
Income (loss) from operations $89,087
Excess (deficiency) of revenue over expenses 161,640
Net patient service revenue $2,246,164
Total assets 3,485,618
Research funding revenue 121,625

Statistical digest

Employees 16,564
Licensed beds 1,165
Patient discharges 56,603
Emergency department visits 214,919
Outpatient visits 1,123,912
Outpatient surgeries 24,235
Inpatient surgeries 14,769
Home health care visits 3,116

Net cost of charity care and other community benefits

Charity care 26,245
Medical education, net 85,339
Research 18,999
Subsidized health services 33,158
Community health improvement services and community benefit operations 1,798
Unreimbursed Medicaid costs 90,096
Total cost of charity care and other community benefits 255,635

RHODE ISLAND HOSPITAL/HASBRO CHILDREN’S HOSPITAL

Employees 7,946
Affiliated physicians 1,852
Licensed beds 719
Total assets 1,723,098
Patient discharges 33,322
Emergency department visits 121,605
Outpatient visits 381,214
Outpatient surgeries 12,917
Inpatient surgeries 9,276
Net patient service revenue $1,367,820
Research funding revenue 76,858

Net cost of charity care and other community benefits

Charity care 17,306
Medical education, net 73,005
Research 14,302

THE MIRIAM HOSPITAL

Employees 3,230
Affiliated physicians 1,313
Licensed beds 247
Total assets 711,731
Patient discharges 17,449
Emergency department visits 66,807
Outpatient visits 204,598
Outpatient surgeries 6,699
Inpatient surgeries 4,494
Net patient service revenue 469,481
Research funding revenue 38,223

Net cost of charity care and other community benefits

Charity care 5,329
Medical education, net 10,928
Research 3,697
Subsidized health services 10,924
Community health improvement services and community benefit operations 418
Unreimbursed Medicaid costs 18,880
Total cost of charity care and other community benefits 50,176

NEWPORT HOSPITAL

Employees 831
Affiliated physicians 257
Licensed beds 129
Total assets 361,009
Patient discharges 4,494
Emergency department visits 26,507
Outpatient visits 49,150
Outpatient surgeries 4,619
Inpatient surgeries 999
Net patient service revenue 119,865

Net cost of charity care and other community benefits

Charity care 1,412
Medical education, net -
Research -
Subsidized health services 2,140
Community health improvement services and community benefit operations 438

Unreimbursed Medicaid costs 2,480
Total cost of charity care and other community benefits 6,470

EMMA PENDLETON BRADLEY HOSPITAL

Employees 844
Affiliated physicians 139
Licensed beds 70
Total assets 158,328
Patient discharges 801
Outpatient visits 1,800
Home health care visits 3,116
Net patient service revenue 78,286
Research funding revenue 6,544

Net cost of charity care and other community benefits

Charity care 103
Medical education, net 1,406
Research 1000
Subsidized health services 1,772
Community health improvement services and community benefit operations 200
Unreimbursed Medicaid costs 5,428
Total cost of charity care and other community benefits 9,909

GATEWAY HEALTHCARE

Employees 393
Total operating revenue 36,915
Total operating expenses 36,915
Income (loss) from operations -2
Excess (deficiency) of revenue over expenses -2
Net patient service revenue 28,946
Total assets 24,294

COASTAL MEDICAL

Employees 624
Affiliated physicians 93
Total operating revenue* 34,586
Total operating expenses* 33,052
Income (loss) from operations* -1,534
Excess (deficiency) of revenue over expenses* -1,534
Net patient service revenue* 34,451
Total assets 21,618

* Partial Year, Coastal Medical joined Lifespan effective April 25, 2021
### STATISTICAL DIGEST

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In June, the system unveiled Lifespan 2025—a comprehensive, strategic plan to transform the system into one of the nation’s leading academic health systems. Created over a period of 15 months with input from clinicians and leaders across the system, Lifespan 2025 represents a new vision, one that will create an outstanding experience for both patients and employees.

In addition, the CREATE framework is bolstered by two foundational pillars: diversity, equity, and inclusion (DEI), and innovative and accountable management culture.
Here are some Lifespan 2025 action items that are already in place:

- To spearhead an expansion in the role of population health, the system named Coastal Medical president Al Kurose, MD, senior vice president for primary care and population health. Dr. Kurose will help the system achieve the “triple aim” of better patient experience, lower cost, and improved outcomes for the larger community as well as tackle the issue of fragmented care across the healthcare delivery system.

- Lifespan is instituting a range of DEI-focused initiatives, including the introduction of the systemwide Unconscious Bias and Anti-Bias training for all employees; a pay equity analysis with a focus on race and gender; a 10-step action plan created by the Anti-Racism and Health Equity Collaborative which includes the hiring of a chief diversity officer; and the work of the Lifespan 2025 DEI Council, including efforts to deploy recruitment, retention, and promotion practices that promote DEI.

- To support the patient experience, Lifespan is modernizing the way it collects patient feedback, utilizing electronic formats like text messaging and email and using advanced text analytics that can help determine patient sentiment more easily.

- The system is focused on improving perioperative services, reducing emergency department wait times and improving the overall patient experience, from admitting to discharge.

With a compelling vision, a clear roadmap, and most importantly, an engaged and informed team, Lifespan is well positioned for the future.
COVID-19 RESPONSE

Lifespan continued its coordinated COVID-19 response through initiatives such as vaccine clinics, community programs, and innovative research.

• The Miriam Hospital launched a new clinic led by Jennie Johnson, MD, to treat patients with long COVID, a condition characterized by symptoms that persist for four weeks or more after an initial COVID-19 infection has run its course.

• Lifespan’s employee vaccination program began on December 14, 2020, when it became the first healthcare system in New England to start distribution. By October 1, 2021, Lifespan had achieved a 98-percent employee vaccination rate.

• Hasbro Children’s Hospital offered monoclonal antibody treatments to pediatric patients who contracted COVID-19.

• Hasbro Children’s Hospital joined the $470 million Researching COVID to Enhance Recovery (RECOVER) Initiative to study the impact of Long COVID in infants, children, and adolescents. The nationwide study includes such partners as NYU Langone Health, Virginia Commonwealth University, and Northeastern University.

• The Miriam Hospital was named a clinical trial site for the National Institutes of Health ACTIV-2 study, testing potential breakthrough treatments for COVID-19 outpatients.

• Through a series of multicenter trials, Rhode Island Hospital teamed up with researchers at Johns Hopkins University to test the efficacy of convalescent plasma therapy as a potential early treatment for COVID-19.
THANK YOU TO LIFESPAN’S EMPLOYEES
Lifespan’s award-winning Information Services supported the delivery of world-class care by implementing new system upgrades, enhancing vital security measures, and onboarding new Lifespan partners.

These activities included:

- **Epic Outpatient Wound Care Implementation** – IS transitioned Lifespan outpatient wound care programs at Rhode Island Hospital and Newport Hospital from their legacy documentation application, WoundExpert, to the Epic wound module. This new LifeChart module allows the proper documentation to flow over to the outpatient wound care programs, providing comprehensive treatment documentation.

- **New Reference Laboratory Interface** – In March 2021, Lifespan IS completed the interface integration to allow the Lifespan Laboratory to add ARUP Laboratories as a new reference lab vendor. This go-live included conversion of 250 tests in Lifespan’s laboratory order catalog to be performed at ARUP rather than previous reference lab partners and implementation of Single-Sign-On security for Lifespan users to the ARUP Connect site, allowing the Lifespan Laboratory team to place orders directly.

- **Compliance with 21st Century Cures Act Information Blocking** – In accordance with the expansive regulations released by CMS and the Office of the National Coordinator in May of 2020, Lifespan now makes EHI available by several methods to patients, external providers related to patients, and other healthcare actors such as payers. New functionality was implemented in LifeChart to release almost all results and clinical documentation to patients’ MyLifespan portal as soon as it is posted to the LifeChart electronic health record.

- **Coastal Medical IT Onboarding** – Lifespan IS conducted the intake and onboarding of over 600 Coastal Medical employees as they were welcomed to Lifespan, allowing them to successfully enroll in Lifespan benefits and complete time clock, attendance, and time off tracking training in Kronos. Employees were provided new lifespan.org email accounts configured to auto-forward incoming email to their prior coastalmedical.com e-mail accounts, and their data were imported into the Lifespan Lifeworks and ADP payroll applications.

- **Infusion Pump Integration with LifeChart Orders** – Lifespan IS implemented an interface of medication orders between the Epic LifeChart EHR and approximately 2,400 Baxter Sigma IQ infusion pumps in use at Lifespan hospitals to avoid the manual programming by inpatient nurses that was previously required. This is anticipated to result in safer administration of high-risk medication infusions for patients; more efficient documentation of nursing infusion workflows; and improved charge capture by accurate auto-documentation of start/stop times for outpatient infusions.

- **Epic Honor Roll Award** – For the fourth straight year, Lifespan earned an award in Epic’s Honor Roll Grant program for the effective adoption and continual optimization of its LifeChart EHR and associated applications. The “cum laude” award came with a $250,250 credit for Epic products or services.
• **Information Security Update**—In the crusade to protect Lifespan from cyberattacks, the watchful eyes of the IS Security team continued their constant refinement of security platforms and controls. The team fully upgraded Lifespan’s host-based advanced endpoint threat detection, enabling rapid response by implementing automation-based actions that cut out required human interactions where possible.

Information Services was also called upon for continued IT support as part of Lifespan’s pandemic response.

• Implementation of a new **LifeChart COVID-19 immunization workflow and interface**. When the Rhode Island Department of Health and Lifespan Employee and Occupational Health Services (EOHS) begin administering COVID-19 vaccines to employees in December 2020, Lifespan IS deployed laptops, phones, and other equipment needed to document the vaccinations directly in LifeChart and established the immunization clinic workflow for Lifespan employee health.

Building LifeChart configurations to support new vaccine scheduling and administration venues, which enabled patients and members of the public to self-schedule their vaccine appointment through MyLifespan. IS also developed a reporting dashboard to track patient and public vaccinations.

• To prepare for an anticipated surge in calls from the public to schedule vaccinations, Lifespan IS implemented a virtual call center in early March 2021. In the first month, the auto-attendant handled 22,514 calls and transferred 2,530 to call center agents. This virtual platform enabled Lifespan to handle the high volume of inbound calls without straining our preexisting telecommunications gateways and services.

• Leveraging video teleconferencing technology, Lifespan IS set up a pilot of the Epic MyChart Bedside telehealth module on two inpatient units at Rhode Island Hospital (RIH Main 10, RIH Jane Brown 4N); one unit at The Miriam Hospital (TMH 3West); and the Lifespan alternate hospital site at the Rhode Island Convention Center. This allowed patients enrolled in MyLifespan to use personal smartphones or Lifespan-provided Apple iPads to access the MyChart Bedside application and message their treatment team, review their schedule, access assigned patient education materials, and review their latest lab and diagnostic imaging results.
BUILDING A WORKFORCE FOR THE FUTURE:

_Papitto Opportunity Connection makes $10M gift to Lifespan Foundation_

The **Lifespan Foundation** received a $10 million commitment from the **Papitto Opportunity Connection** to expand its workforce development programs, with a particular focus on adding new career pathways for our communities of color. The gift—the largest to the Lifespan Foundation in its history—will support the hiring of more than 1,000 BIPOC (Black, Indigenous, and People of Color) individuals over the next four years.

Lifespan’s forward-thinking workforce development programs, unique among its peers, provide opportunities for both entry-level positions and long-term careers with advancement potential. At a time when staffing shortages have created unprecedented challenges across the health sector, the POC award is growing our ability to offer no-cost certification for high-demand medical professions.

Positions we’re actively recruiting for include:

- Nursing assistant
- Pharmacy technician
- Medical assistant
- Behavioral health specialist
- Residential care counselor

Looking ahead, we plan to develop a paid job training program for formerly incarcerated BIPOC individuals, a succession program to prepare diverse employees for leadership roles, and academic scholarships for employees from underrepresented communities.

Left to right: Joseph G. Pannozzo, Vice President for Development, Lifespan; John Tarantino; Timothy J. Babineau, MD, President and CEO, Lifespan; Barbara Papitto; Lisa Abbott, Senior Vice President, Human Resources and Community Affairs, Lifespan.

“Lifespan’s commitment to providing education and skills training that will directly create good paying, career-oriented jobs for Rhode Island’s BIPOC community is truly transformational.”

- **Barbara Papitto**, founder, Papitto Opportunity Connection
As the largest employer in the state, we want to lead the way in diversity, equity, and inclusion in the workplace, and philanthropy of this magnitude has the power to significantly move the needle toward that goal.

- Timothy J. Babineau, MD
  president and CEO, Lifespan

Meet Isaac

ISAAC DEMOLA, 23, grew up in South Providence with aspirations of working with computers. A good student, he attended Rhode Island College and studied IT in preparation for a job he felt he had always wanted. But upon graduation, something changed. He developed a passion to pursue a career as a pharmacy technician.

There was only one problem—making the change would require more training, and the cost of grad school programs were out of reach. That’s where Lifespan was able to help.

While working in Lifespan’s IT department—a job he landed after participating in our summer youth employment initiative—Isaac enrolled in our 12-week Workforce STAT (Solutions, Training and Teamwork) program. Through STAT, Isaac received not only free education to become a pharmacy technician, but valuable mentoring and networking opportunities and a hands-on internship. STAT also provided him with a new laptop and assistance with rent and bills so he had all the supports he needed to help him succeed.

Within a week, he was offered—and accepted—a full-time pharmacy technician position at Rhode Island Hospital.

“It’s a blessing to have been able to be a part of this program, and to be part of something that’s bigger than you,” says Isaac. “If it wasn’t for this program, I don’t know where I would be. It’s given me the opportunity to have a life-changing experience.
• **Hasbro Children’s Hospital** is one of only a few providers in the U.S. offering Danyelza, a treatment recently approved by the FDA for high-risk pediatric neuroblastoma patients. The monoclonal antibody serves as an additional treatment option when traditional methods have been exhausted.

• The **Lifespan Cancer Institute** expanded its [thoracic surgery program](#) with the hiring of renowned surgeon Abbas El-Sayed Abbas, MD. Specializing in robotic, minimally invasive surgery, Dr. Abbas is recognized internationally for his ability to treat the most complex thoracic conditions.

• Lifespan Psychiatry and Behavioral Health Services launched the **Latinx Mental Health Clinic (Servicios Siquiatricos Lifespan)**, a multilingual program designed to address the specific needs of Latinx patients.

• Under the direction of **Patrick McGann, MD**, Lifespan’s new comprehensive **sickle cell disease program** merged the system’s existing pediatric and adult services into one continuum of care. This innovative model will reduce gaps in care and improve outcomes for Rhode Island’s roughly 300 sickle cell patients.

• Surgeons **Marcoandrea Giorgi, MD**, and **Andrew Luhrs, MD**, were the first in the region to perform two groundbreaking treatments. The per-oral pyloromyotomy (POP) treats gastroparesis, a chronic condition that affects the stomach muscles, and the per-oral endoscopic myotomy (POEM) treats achalasia—a rare disorder that makes it difficult for food and liquid to pass into the stomach.

• **Bradley Hospital** introduced the **REACH (Remote E-therapy for Adolescents and Children)** Program, designed to partner the hospital with other pediatric provider systems nationwide to expand virtual access to psychiatric programs for children and adolescents.
• The OWLS (Oncology, Wellness Lifestyle, and Survivorship) program is a new consultative survivorship clinic for Lifespan Cancer Institute patients that addresses a myriad of cancer-related health concerns like brain fog, anxiety and depression, and sleep issues.

• The new Mini-PCNL (minimally invasive percutaneous nephrolithotomy) procedure offered by the Minimally Invasive Urology Institute removes large kidney stones via a keyhole incision in the patient’s back, reducing complications.

• Hasbro Children’s Hospital was one of only 12 pediatric facilities selected for Accelerating Child Health Transformation, a national effort designed to transform children’s healthcare by adopting anti-racist practices and a more family-centered approach.

• The Bradley Conference fall series, held virtually, focused on the issue of suicide prevention, with workshops on screening, response training, and the latest suicide risk assessments.

• The bikini anterior procedure is a less invasive hip replacement method being performed exclusively in Rhode Island by Eric Cohen, MD, at the Total Joint Center at The Miriam Hospital.

• Megan L. Ranney, MD, and Elizabeth Goldberg, MD, both Lifespan emergency medicine physicians and Center for Digital Health researchers, created the MyCOVIDRisk app, which uses a number of factors to approximate the risk of COVID-19 infection.
Lifespan Urgent Care, an LPG program, opened its third location—66 Branch Avenue in Providence—in January 2021.

LPG neurosurgeons are utilizing new high-intensity focused ultrasound technology to treat patients suffering from essential tremor and some forms of Parkinson’s disease.

Paul Larson, MD, MBA, joined LPG as its new chief of primary care.

Continuing to extend its reach to better serve patients in Rhode Island and southeastern Massachusetts, Lifespan Physician Group now has 1,276 employees.

Of these, 840 are providers: 585 MDs/DOs; 124 PhDs; and 131 advanced practice providers.
The care transformation, quality, and safety team:

- Partnered with affiliate teams to realize continued improvement in overall rankings in the Vizient Quality and Accountability Study.
- Optimized data analytics and insights to support clinical quality, operational, and financial improvement efforts.
- Developed medical staff department-specific PowerBI dashboards to increase quality/cost data transparency and accelerate efforts to advance Lifespan’s top-decile initiative.
- Supported affiliate teams, resulting in significant improvement in overall mortality rates.
- Expanded deployment of Lean and Six Sigma tools and formalized quality and safety training at all levels of the organization.
- Completed patient experience program assessments for all affiliates and expanded efforts to measure the voice of the customer.

Care transformation, quality, and safety team members continued to support Lifespan’s COVID-19 response, including:

- Hospital incident command roles
- Labor pool establishment and staffing processes
- Support for Lifespan’s alternative hospital site operations

Our aim is to work efficiently and effectively, upholding the highest safety standards while providing exceptional care to Lifespan patients.

Phu Thai PhD, Pharmacist, Inpatient Pharmacy, Newport Hospital
GROUNDBREAKING RESEARCH

Awards from the National Institutes of Health (NIH) and other sources, totaling more than $120 million, support Lifespan’s pioneering academic and clinical research. More than 460 clinical trials are currently underway.

Here are some highlights from research happening across the system:

• **Lifespan** announced a $1 million nursing research initiative to promote investigational science and evidence-based quality improvement within the field and increase the number of nurse-led research studies in Rhode Island. Selected nurse researchers can receive up to $50,000 per project.

• **Bradley Hospital** received a $10 million award from the NIH to establish the Center for Sleep and Circadian Rhythms in Child and Adolescent Mental Health. The first of its kind in the U.S., the center will study the links between sleep, circadian rhythms, and mental illness.

• **Rhode Island Hospital** researchers were awarded a $1.9 million grant from the NIH’s National Institute of General Medical Sciences to study better methods of identifying sepsis using RNA mapping.

• **The Miriam Hospital** received an $11.1 million NIH grant to establish Rhode Island’s first Center of Biomedical Research Excellence devoted to learning how stress and trauma early in life can have lasting impacts on health and wellness.

• **Rhode Island Hospital** is one of eight U.S. sites participating in a trial that studies the use of artificial intelligence software to guide atrial fibrillation ablation. Developed by French healthcare startup Volta Medical, the VX1 software uses a deep learning-based algorithm to analyze electrical signals.

• The E.P. Bradley Hospital Sleep Research Laboratory’s Mary A. Carskadon, PhD, and Jared Saletin, PhD, led nationwide research into the effects of COVID-19 on children’s sleep schedules, gathering data through a Facebook survey with over 5000 respondents from all 50 states.

Jared Saletin, PhD, Mary A. Carskadon, PhD, and Jessica Weathers
• The multicenter, randomized BEAR (Bridge-Enhanced ACL Restoration) MOON (Multicenter Orthopaedic Outcomes Network) clinical trial is currently studying the use of a bioactive implant to achieve a less invasive surgery and improved ligament healing.

• Lifespan researchers found differing patterns in initiation and maintenance of the Parkinson’s disease “resting tumor,” which may lead to new therapeutic targets.

• A team at Rhode Island Hospital launched Cognitive Recovery After Elective Surgery (CREATES), a five-year investigation into brain health after surgery funded by a $3.8 million R01 grant from the NIH.

• Lifespan researchers are working to develop new surgical treatments for intractable obsessive compulsive disorder.

• Rhode Island Hospital is taking part in the AHEAD study, investigating whether a treatment known as BAN2401 effectively removes a type of protein associated with Alzheimer’s disease from the brains of people 55 or over who are at risk of developing the disease.
• Newport Hospital urologist Samuel Eaton, MD, performed Rhode Island’s first laser-assisted procedure for enlarged prostate. Known as laser enucleation, the technique uses a surgical laser to remove tissue that is blocking urine flow.

• Bradley Hospital celebrated its 90th birthday on April 8, 2021. Dedicated in 1931, Bradley is the first hospital in the nation that exclusively serves children who have psychological, developmental, and behavioral issues.
The Total Joint Center at The Miriam Hospital celebrated 10 years as the region’s highest volume program for total hip, knee, and shoulder replacement procedures. The center also marked 15,000 total joint replacements performed.

The Lifespan Cardiovascular Institute (LCVI) valve and structural heart program performed its 1000th Transcatheter Aortic Valve Replacement, a lifesaving procedure for patients suffering from severe aortic valve stenosis. LCVI was the first program in Rhode Island and among the first in New England to provide this less-invasive alternative to open heart surgery.
AFFILIATE DISTINCTIONS

- **The Miriam Hospital** (TMH) was again named by U.S. News & World Report as the top hospital in Rhode Island and the greater metropolitan area. TMH was designated “high performing” in a dozen specialties including knee and hip replacement, stroke, heart attack, diabetes, and urology.

- Newport Hospital earned its eighth consecutive ‘A’ grade for safety from Leapfrog, while also being named one of their 2020 top hospitals in the country. It is the only hospital in Rhode Island to make the list.

- Twelve Rhode Island Hospital and Hasbro Children’s Hospital nurses completed the 2020 Clinical Advancement Program, designed to help Lifespan nurses advance their level of clinical expertise and demonstrate their commitment to patient care.

- After almost two years of preparation, Newport Hospital was designated a Diagnostic Imaging Center of Excellence by the American College of Radiology, setting it apart from other hospitals in the state.

- For the third consecutive time, the Extracorporeal Life Support Program at Rhode Island Hospital and its Hasbro Children’s Hospital has earned the Gold Level Center of Excellence Award from the Extracorporeal Life Support Organization (ELSO). The award recognizes centers worldwide that demonstrate an exceptional commitment to evidence-based processes, training, patient satisfaction, and ongoing clinical care.

- Lifespan was awarded the 2020 Best Practices Award by the American Society of Hospital Pharmacists for its leadership in developing an innovative, patient-centered pharmaceutical program. Only four institutions in the country received the award.

- The Center for Bariatric Surgery again earned accreditation from the Metabolic and Bariatric Surgery Accreditation and Quality Improvement Program, this time earning its first accreditation in obesity medicine.

- Rhode Island, The Miriam, and Newport hospitals all received 2021 Gold Plus national recognition from the American Heart Association/ American Stroke Association for adhering to the high standards of the Get With The Guidelines program.

Inpatient Pharmacy, The Miriam Hospital: Joseph Aquilante, PharmD, Pharmacist; Ashley Ayotte, PharmD, Pharmacist; Renee Fraatz, PharmD, Pharmacist
INDIVIDUAL AWARDS AND DISTINCTIONS

- Michael Koster, MD, pediatric infectious diseases division director, was recognized by Hasbro Children’s Hospital for his efforts to improve the quality of pediatric care in Haiti through his work with the St. Damien Collaborative.

- Herbert Aronow, MD, MPH, FSVM, director of interventional cardiology at the Lifespan Cardiovascular Institute and director of the cardiac catheterization laboratories at Rhode Island and The Miriam hospitals, was elected president of the Society for Vascular Medicine for the 2021-2023 term.

- Mustapha Kemal, MD, medical director of the Vanderbilt Rehabilitation Center, was named the Newport Hospital 2020 provider of the year.

- Five Hasbro Children’s Hospital “Brite Lites” were honored June 3, 2021: Lee Polikoff, MD, of pediatric critical care; Abbey Lamb, PT, DPT, of children’s rehabilitation services; Luca Bartolini, MD, of the pediatric epilepsy program and the division of pediatric neurology; Robert Bissitt, RN, of Hasbro 5; and Wael Asaad, MD, of neurosurgery.

- Stephanie Goldstein, PhD, was honored at the Lifespan Annual Meeting with the 2020 Bruce M. Selya Award for Excellence in Research. An assistant professor in the Weight Control and Diabetes Research Center, Dr. Goldstein’s innovative work focuses on behavioral science and electronic and mobile health technology.
• Karen Furie, MD, MPH, co-director of the Norman Prince Neurosciences Institute and chief of neurology at Rhode Island, The Miriam, and Bradley hospitals, received the C. Miller Fisher, MD, Neuroscience Visionary Award from the American Heart Association/American Stroke Association (ASA). Dr Furie is only the second woman to receive the award, which is presented annually to an individual in the neuroscience field who has significantly influenced the ASA mission.

• Edward Akelman, MD, chief of orthopedics, Rhode Island and The Miriam hospitals, was presented with the Dean's Excellence Award in Teaching.

• For demonstrating Lifespan's CARE values every day, Jacqueline Parrillo, RN, director of Employee and Occupational Health Services, was named CARE Person of the Year for 2020.

• Four Lifespan nurses shared the spotlight for the 2021 Rhode Island Monthly Excellence in Nursing Awards: nurse practitioner of the year Tara Brown, DNP, CPNP; clinical nurse educator of the year Alison Kelley, MSN, RN; nurse executive of the year Dana Palka, MSN, RN; and clinical practice nurse of the year (honorable mention) Jamil R. Halaby III, BSN, RN.

• 147 Lifespan physicians earned top doctor status from Rhode Island Monthly in its annual “Top Docs” issue—more than half of those honored are affiliated with at least one Lifespan hospital.
INFRASTRUCTURE AND PARTNERSHIPS

- The Center for Innovative Neurotechnology for Neural Repair is a new partnership between Lifespan, Brown University, and private sector companies (such as Intel and Modular Bionics) that seeks to develop novel neural modulation technology for functional restoration of spine and brain injury.

- Hasbro Children’s Hospital began the next phase of renovations funded as part of the Every Child, Every Day campaign, including improvements to its emergency department, Tomorrow Fund Clinic, pediatric intensive care unit, inpatient floors, and pre- and post-surgical areas.

- Hasbro Children’s, Bradley, and Boston Children’s hospitals joined forces to present the second Pediatric Healthcare Summit, held virtually on December 8. The course presentation featured such topics as adolescent eating disorders, transgender medicine, feeding difficulties, and the COVID-19 vaccine.
• **Lifespan Pharmacy** added a new location on the first floor of Newport Hospital. Lifespan’s fifth, this pharmacy location offers a full range of services such as free home delivery, courtesy refills, appointment or walk-in vaccinations for adults, and access to Lifespan’s team of expert pharmacists.

• **Gateway Healthcare** partnered with the North Providence Police Department to develop a coordinated response to calls for service involving mental health issues or substance abuse.

• The **Lifespan Cancer Institute** expanded its services in the East Bay, adding a new location at the Bristol County Medical Center at 1180 Hope Street in Bristol, led by hematologist/oncologist Peter Barth, MD.
The Collis Foundation PACE Clinic—for psychology access, continuity, and evaluation—is located at Hasbro Children’s Hospital and is accessed through Kids’ Link RI or the Hasbro Children’s emergency department for a child who has urgent psychological needs.

The Collis Foundation, named for the Collis family, focuses on children’s education, literacy, and basic needs.
After signing a letter of intent in February 2020, Coastal Medical and Lifespan finalized their partnership agreement in April 2021. With a team of over 125 providers located in 20 medical offices across Rhode Island, Coastal is a leader in coordinated primary care and serves 120,000 patients.

Combining Lifespan’s vast specialty care capabilities with Coastal’s primary care expertise will benefit patients across the state, offering enhanced value through a continuum of coordinated, high-quality patient care.

This partnership plays a key role in Lifespan’s efforts to elevate its population health strategy, also a major facet of the Lifespan 2025 Initiative—Coastal has achieved great success with population health management and is now seen as a national model.

In September 2021, Coastal President G. Alan Kurose, MD, was appointed senior vice president of primary care and population health for Lifespan. As one of the founders of Coastal Medical in 1995, Dr. Kurose has been a driving force in positioning them at the forefront of healthcare delivery system transformation, both locally and nationally.

“This is a critical time in healthcare and elevating the primary care role and expanding population health and value-based care for more patients is extremely important. This strategic decision will benefit patients, physicians, and all members of the healthcare team and is good for the future of healthcare locally.”

- G. Alan Kurose, MD
  president, Coastal Medical
  senior vice president of primary care and population health for Lifespan
**Lifespan in the Community**

Lifespan’s commitment to being a valued community partner inspires our outreach as we provide health initiatives, career development programs, educational opportunities, and more.

- The **Lifespan Community Health Institute (LCHI)** helped meet the pressing need for COVID-19 immunizations among the state’s most vulnerable populations through a series of free vaccination clinics in cities including Providence, Pawtucket, and Central Falls. Clinics were held at senior centers, public housing complexes, faith-based and civic organizations, and other community sites.

- A total of 180 Lifespan walkers got moving to help raise money for the American Heart Association (AHA) during the virtual Southern New England Heart Walk. Lifespan participants raised a total of $18,759.52—earning the system a second-place finish overall—and helped to bring the grand total raised for the AHA to $89,287.59.

- Through support from the Rhode Island Foundation COVID-19 Response Fund, **Bradley Learning Exchange** clinicians provided professional development training to Rhode Island educators in response to mental health impacts of the pandemic. Topics included understanding self-injurious behavior, how the pandemic may impact students with autism, and mental health first aid.
Lifespan Physician Chiefs

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Professor of Pathology and Laboratory Medicine, Professor of Neurology, The Warren Alpert Medical School of Brown University

Christina A. Bandera, MD  
*Chief of Obstetrics and Gynecology*  
Assistant Professor of Surgery (Clinical), The Warren Alpert Medical School of Brown University

Alexios G. Carayannopoulos, DO  
*Chief of Physical Medicine & Rehabilitation*  
Rhode Island Hospital and Lifespan Physician Group

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*Chief of Surgery*  
J. Murray Beardsley Professor and Chair, Department of Surgery; Professor of Medical Science, The Warren Alpert Medical School of Brown University

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*Chief of Radiology*  
Charles and Elfriede Collis-Frances Weeden Gibson Professor and Chair, Diagnostic Imaging, The Warren Alpert Medical School of Brown University

Phyllis A. Dennery, MD  
*Chief of Pediatrics and Medical Director*  
Sylvia Kay Hassenfeld Professor and Chair of Pediatrics, Professor of Molecular Biology, Cell Biology, and Biochemistry, The Warren Alpert Medical School of Brown University

Gildasio S. De Oliveira, MD, MS  
*Chief of Anesthesiology*  
Professor of Anesthesiology, Chair of Anesthesiology, Professor of Health Services, Policy and Practice, The Warren Alpert Medical School of Brown University

Brian Duf, MD  
*Chief of Otolaryngology*  
Clinical Associate Professor of Surgery (Otolaryngology)  
The Warren Alpert Medical School of Brown University

Karen L. Furie, MD  
*Chief of Neurology*  
Samuel I. Kennison, MD, and Bertha S. Kennison Professor of Clinical Neuroscience, Professor and Chair, Department of Neurology, The Warren Alpert Medical School of Brown University

Ziya L. Gokaslan, MD  
*Chief of Neurosurgery*  
Clinical Director, Norman Prince Neurosciences Institute; Director, Norman Prince Spine Institute; Julius Stoll, MD Professor and Chair, Department of Neurosurgery, The Warren Alpert Medical School

Paul Y. Liu, MD  
*Chief of Plastic Surgery*  
Professor of Surgery; Chair, Department of Plastic and Reconstructive Surgery, The Warren Alpert Medical School of Brown University
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Director, Oculoplastics Service,  
Clinical Professor of Surgery  
(ophthalmology), The Warren Alpert  
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Director, Women’s Medicine Collaborative;  
Associate Professor of Medicine, The Warren  
Alpert Medical School of Brown University

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Director, Lifespan Cardiovascular Institute;  
Director, Echocardiography, Rhode Island;  
The Miriam and Newport hospitals;  
Professor of Medicine, The Warren Alpert  
Medical School of Brown University

Abrar A. Qureshi, MD, MPH  
*Chief of Dermatology*  
Warren Alpert Foundation Professor and Chair, Department of Dermatology;  
Professor of Epidemiology, The Warren Alpert Medical School of Brown University

Louis B. Rice, MD  
*Chief of Medicine*  
Joukowsky Family Professor of Medicine and Chair, Department of Medicine; Professor of Molecular Microbiology and Immunology, The Warren Alpert Medical School of Brown University

Jeremiah D. Schuur, MD, MHS  
*Chief of Emergency Medicine*  
Frances Weeden Gibson-Edward A. Iannuccilli, MD, Professor of Emergency Medicine; Professor of Health Services, Policy, and Practice; Chair of Emergency Medicine, The Warren Alpert Medical School of Brown University

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Professor of Surgery (Urology),  
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Jody Underwood, MD  
*Chief of Psychiatry*  
Clinical Associate Professor of Medicine and Psychiatry, The Warren Alpert Medical School of Brown University

David E. Wazer, MD  
*Chief of Radiation Oncology*  
Director, Lifespan Cancer Institute;  
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Chief Nursing Officer
Bradley Hospital
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Lifespan Leadership

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Vice President
Research

Marianne Kennedy
Treasurer
Lifespan

Michael Kramer
Vice President
Chief Technology Officer

Janine Lairmore
Vice President
Cardiovascular Services
New Lifespan Leadership Appointments

Lifespan this year was pleased to recruit many outstanding clinicians and professionals and promote staff into new leadership roles.

Stephen Almonte  
Vice President Finance  
Corporate Services

Carrie Bridges  
Vice President  
Community Health & Equity

Mark Deitch, MD, MBA  
Senior Vice President/Chief Medical Officer  
The Miriam Hospital

Patricia Wolfe Gunderson  
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Vice President Finance, Lifespan

G. Dean Roye, MD  
Senior Vice President/Chief Medical Officer  
Rhode Island Hospital

Barbara Wilson, MSN, RN  
Vice President, Associate Chief Nursing Officer, Perioperative Services  
Rhode Island Hospital
GIVING TO LIFESPAN

Philanthropy is a sustaining part of many programs and services throughout Lifespan affiliates. We are grateful for the generosity of our donors, which supports our mission of Delivering health with care.

Total number of gifts: 23,451

Philanthropy Totals
$29,768,683

Rhode Island Hospital
$3,929,010

Hasbro Children’s Hospital
$7,202,979

Total Rhode Island Hospital Foundation (RIHF)
$11,131,989

Lifespan Foundation (LF)
$10,132,099

The Miriam Hospital Foundation (TMHF)
$3,070,673

Bradley Hospital Foundation (BHF)
$2,615,202

Newport Hospital Foundation (NHF)
$2,260,348

Gateway
(Includes The Autism Project, FRIENDS WAY, and Capital City Community Center)
$558,372
EVERY CHILD, EVERY DAY CAMPAIGN COMPLETE

In the fifth and final year of the $35M Every Child, Every Day campaign for Bradley and Hasbro Children’s hospitals, the goal was surpassed with a final total of more than $41M raised to expand programs and modernize facilities.

New major gifts and pledges to fuel this success included:

- **$1,100,000** The Estate of Colleen and Arthur Anderson for support of children with cancer
- **$800,000** van Beuren Charitable Foundation
- **$750,000** An anonymous donor, for renovations
- **$466,333** Children’s Miracle Network Hospitals
- **$200,000** Golf Fights Cancer Inc.

MAJOR GIFT HIGHLIGHTS

- **$10,000,000** The Papitto Opportunity Connection for workforce development (Lifespan Foundation)
- **$1,500,000** Anonymous to establish an endowed professorship in translational medicine to advance research and treatment of auto-immune diseases (TMHF)
- **$1,000,000** Steve and Katherine Watkins on behalf of the Watkins Family for an advanced practice provider fellowship in neurosciences (RIHF)
- **$943,368** The Champlin Foundation to renovate the pediatric partial hospital program (BHF)
- **$400,000** Roger L. Hungerford to support the research of Dr. Nikos Tapinos in the neurosciences field (RIHF)
- **$268,537** Herbert G. Townsend Trust to support the Rhode Island Hospital Fund for Excellence (RIHF)
- **$250,000** Mr. Sean Gao for the Liver Research Center (RIHF)
- **$134,000** Anonymous gift (BHF)
- **$125,000** Mr. and Mrs. B. Waring Partridge IV to general unrestricted (NHF)
- **$125,000** Anonymous gift to support the Center for Innovative Cancer Research (TMHF)
- **$115,000** David and Betsey Kilmartin Charitable Foundation to establish a nurse resident educational endowment (TMHF)
- **$105,000** Norman and Rosaline Fain Family Foundation supported both post-operative colorectal nurse practitioners and renovations to the Fain building (TMHF)
- **$100,000** The Hassenfeld Foundation to support the Center for Innovative Cancer Research (TMHF)
- **$50,000** The Petrovas Family Philanthropy Fund and The Loebs Family Foundation to diagnostic imaging (NHF)
- **$50,000** Hamilton Family Charitable Trust to emergency preparedness (NHF)
- **$50,000** Carol A. Peterson for the Pediatric Partial Program at Bradley Hospital
FUNDRAISING EVENTS

Despite the on-again, off-again year for events, Lifespan donors and sponsors continued to heed the call for support and participated with record generosity. Bravo Bradley, a few Newport Hospital events, and the Hasbro Children’s Golf Invitational were held in person; Hasbro Children’s Heroes Ball, The Miriam Hospital Gala & Auction, and The Autism Project Imagine Walk were held virtually; and the FRIENDS WAY Diamonds in the Sky Gala was canceled.

Henry Sachs, MD; Kristen O’Neil; event co-chairs Tricia and the late Tim O’Neil; Larry Sadwin; and Anthony Pereschino at Bravo Bradley on Friday, July 30, 2021. The event raised $947,100, of which $318,325 will support the hospital’s Healing Arts Program.

Brothers of the Band presented Rock for Autism Summer Music Festival for a second year on July 18, 2021. This third-party event raised more than $22,000 for The Autism Project.

The FRIENDS WAY board, staff, and volunteers participated in diversity training supported by a two-year grant totaling $130,000 from the United Way to expand peer support groups to children from the BIPOC (black, indigenous, people of color) urban community.

Auctioneer Tom Stebbins and event host Jessica Schiano of 92 PRO-FM brought the Heroes Ball to online viewers on September 23, 2021. The virtual event raised $874,292, with $117,385 supporting pediatric neurology.

Phone bank volunteers in the morning hours of March 25, 2021 for Rhode Island Hospital’s Day of Giving in partnership with NBC 10 WJAR. The daylong telethon celebrated our health care heroes and their commitment to patient-centered care while raising $415,248 to support the hospital’s mission.
Hasbro Children’s Golf Invitational chairs Larry Aubin and Jamo Carr with CALI, the comfort therapy dog for The Lawrence A. Aubin, Sr. Child Protection Center. The event on July 26, 2021 raised $437,907.

Newport Hospital’s A Salute to Health “Be a Part of the Picture” campaign for diagnostic imaging included a series of five events throughout the summer and a mail initiative, in total raising $730,479. Suzie Schochet, with Crista Durand, at the event she hosted at her home, Ridgemere.

On September 11, 2021, event chairs Nancy and Dr. Howard Safran were joined onstage at The WaterFire Arts Center by the cast of presenters and performers at The Miriam Gala & Auction—Roaring in the 20s. In total, the live virtual event and major gift initiative raised more than $1 million, with a portion supporting the Center for Innovative Cancer Research.
Why We Give

"My philanthropic goals are to support organizations that make a difference in the life of a child. I can think of no other organization that does that better than Bradley Hospital. Over the years, I have supported brick and mortar improvements, programs, and research initiatives. All these funding opportunities have a profound impact on the lives of children and families—both today and in the future. Bradley is a special place, doing special things, with special outcomes. For me, it is a very special place to support."

- Carol Peterson

"The number of times I’ve heard how fortunate we are to have Newport Hospital right in our backyard is more than I could count, and no one ever wants there to be a time when it’s not here for us. That is why I continue to support this local gem in our community. We’ve all come to expect the highest quality of care and an extensive range of services, including important education and outreach programs. And Newport Hospital continues to deliver on all counts."

- Carol Bazarsky
Donors give for many different reasons, among them gratitude, appreciation, mission, and community.

Here is what several said when asked, “Why do you give?”

"Our physicians support Rhode Island Hospital and The Miriam Hospital because our shared missions to provide the highest quality patient care, lead transformative research, and educate the next generation of physicians are so closely aligned. The hospitals are a tremendous asset to our state, and giving in support of their critical work is an investment in the future of healthcare in Rhode Island.”

- Angie Caliendo, MD, PhD, on behalf of Brown Physicians, Inc.

"I was just a preschooler when The Miriam Hospital saved my life. What could have been a life-altering burn to my upper body in the 1950s left me with not a single scar because of the forethought of the physicians treating me. Ever since, it has been important to me to show my gratitude. I want to help, but I’m not a doctor. What I can do is donate and support the hospital to ensure it remains at the forefront of new technologies and research.”

- James Rosati

"Our relationship with RI Hospital, and particularly Hasbro Children’s, began not out of a need for services but through an invitation to the Hasbro Children’s Ball. We went for a fun evening and came away forever changed. The stories of the miraculous care and dedication of the staff were moving. How could you not support this incredible institution that is making such a difference in the lives of so many? It has been a top priority for our giving ever since.”

- Grace & Bob Vincent
Governance

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++ ex officio with vote
+++ ex officio without vote

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(as of 2/1/2021) *
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Todd Conklin (November 2020 through February 2021)
Interim President, Rhode Island Hospital and Hasbro Children's Hospital

John B. Murphy, MD (through November 2020)
President, Rhode Island Hospital and Hasbro Children's Hospital

Laurann H. Adams, MBA, RN
(through June 2021)
Interim Vice President
Lifespan Perioperative Services

Frank J. Byrne
Vice President of Finance
Rhode Island Hospital and The Miriam Hospital

Thomas P. Cameron (through 6/5/2021)
Vice President
Lifespan Facilities Services

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Lifespan Cardiovascular Institute

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Vice President
Lifespan Diagnostic Imaging

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Associate Chief Nursing Officer
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Rhode Island Hospital / The Miriam Hospital

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Senior Vice President, Medical Affairs and Chief Medical Officer

G. Dean Roye, MD
(through 9/20/2021)
Senior Vice President, Medical Affairs and Chief Medical Officer

Holly Ann Palermo
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(through 5/10/2021)

Anne R. Schmidt, DNP (as of 5/10/2021)
Senior Vice President, Patient Care Services and Chief Nursing Officer

Mary A. Wakefield (through June 2021)

David A. Kirshner (from July 2021)
Executive Vice President and Chief Financial Officer

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ANNUAL REPORT 2021 50
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Program Development

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6/2021-6/2022)
Marilyn Myrow (6/2020-6/2022)
Eleanore Koo (6/2019-6/2021)
Co-Vice Presidents
Membership

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Susan Enzer (6/2019-6/2022)
Corresponding Secretary