

Behavioral Health

EYP/®

EYP is the leading architecture and engineering firm developing new ideas and design solutions with mission-driven clients in higher education, government, healthcare, and science & technology.

Our clients are in the business of changing lives for the better: promoting peace and prosperity; educating the next generation; transforming the healthcare experience; driving discovery and innovation; and protecting the environment. They expect their buildings to have as profound an impact on human behavior and performance as they do on energy and the environment – that’s why they come to EYP.

We believe the built environment empowers our clients to succeed – as individuals and organizations – and that their success should be a key measure of building performance. Our interdisciplinary Total Impact Design™ approach helps clients achieve their mission.

We begin by understanding the “whys” driving every client’s vision, needs, and goals. We encourage our clients to be ambitious – to imagine a future where expectations are achieved and even surpassed. The design we co-create is realized through creative collaboration and an iterative process tested and informed by rigorous research. Long after project completion, we continue to partner with clients to measure and analyze how a building contributes to the ongoing success of their mission.

EYP design innovation is characterized by our dedication to:

People – *liberating potential to transform human performance*

Purpose – *actively helping clients advance their mission*

Planet – *maximizing available resources to advance sustainability*

Inspired by our clients, design is how we make a positive impact on the world.



BEHAVIORAL HEALTH

REINVENTING ENVIRONMENTS FOR CARE

EYP's growing prominence in the design of facilities for Behavioral Health is born out of our partnership with clients whose ambitions have included facilities that not only perform functionally and operationally, but also create environments that help transform the lives of their patients. People who suffer from mental illnesses, with the right treatment, go on to lead healthy & creative lives. As a mission-driven firm, EYP is working with like-minded clients to reinvent environments for the care and treatment of individuals with mental health disorders. We envision facilities that respect the dignity of the individual, inspire hope and promote recovery.

Our experience ranges from large, ground-breaking projects for Mental and Behavioral Health, to smaller facilities programs focused on community-based mental health initiatives. After designing innovative projects for St. Elizabeth's Hospital in Washington, DC and Fulton State Hospital in Missouri, EYP was recently selected as the architect for one of the largest and most ambitious mental health initiatives in the State of Virginia: The VA Central State Hospital in Petersburg, Virginia. We also know that innovation is needed nationwide, at the community level – and EYP has a growing reputation for behavioral health projects with a more local, community impact, including:

- Mental Health Clinics and Adult Behavioral Health Programs
- Behavioral Health programs for Children, Adolescents and Young Adults
- Partial hospitalization, Day Treatment and Intensive Outpatient programs
- Autism-specific Behavioral Health Programs
- Behavioral Medicine and Dual Diagnosis Inpatient Units
- Community Health Centers in at-risk neighborhoods: a population health initiative
- Behavioral Health suites within Hospital Emergency Departments
- Behavioral Health Crisis Centers
- Forensic Inpatient Facilities & Treatment Malls (Mental Health in the prison system)

Contact

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Missouri Department of Mental Health

Fulton County, MO

Nixon Forensic Center (at Fulton State Hospital)



This new, state-of-the-art facility advances the legacy of Fulton State Hospital, the oldest public mental health facility west of the Mississippi River. The design was informed by a deep understanding of day-to-day operations as well as a strong commitment to recovery-based psychiatric treatment.

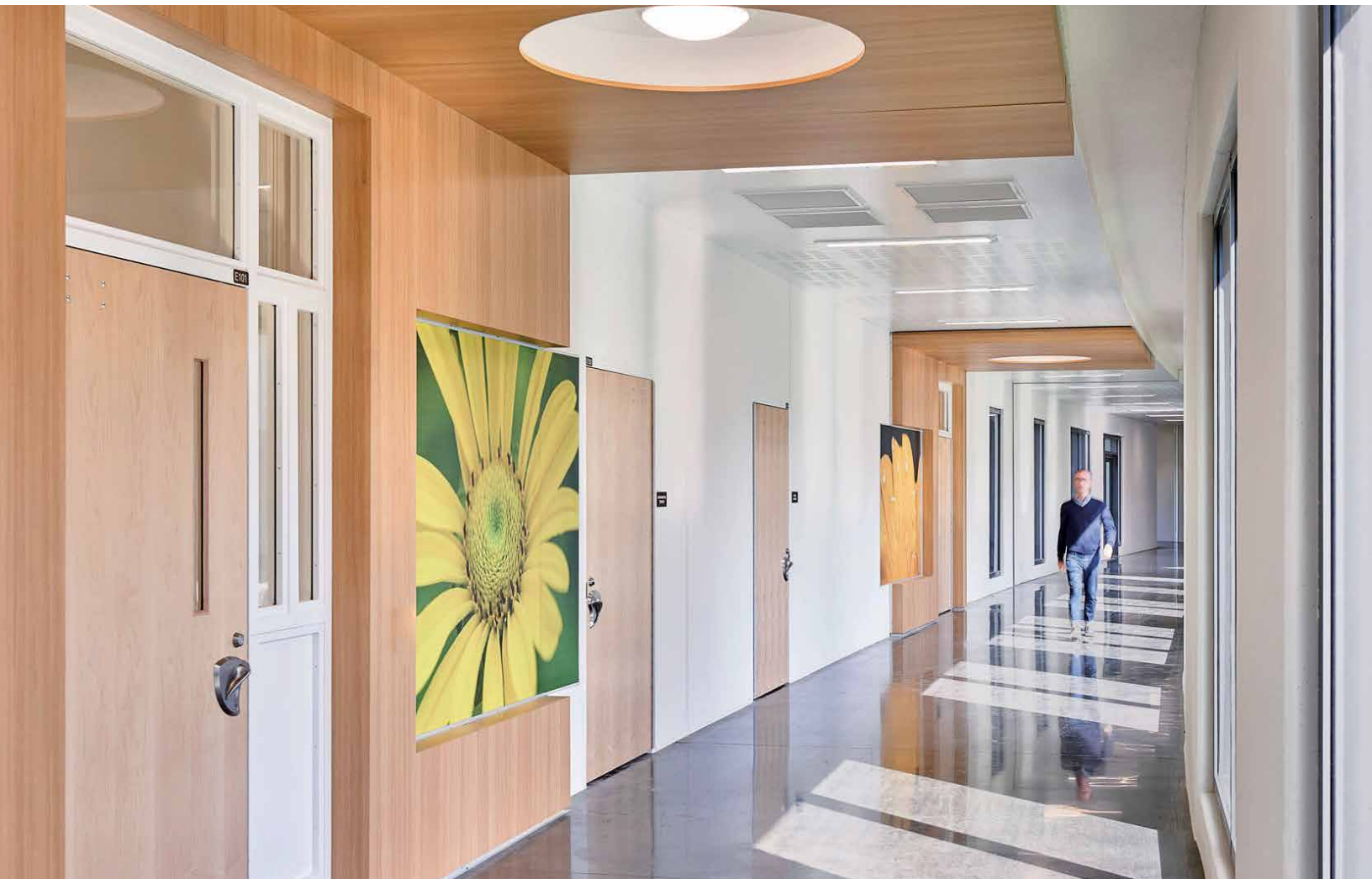
The new hospital replaces 300 beds at the Briggs Forensic Center and meets today's highest standards for quality of care and safety. With 275 beds remaining at the Guhleman and Hearnese complexes, the new facility also provides administrative and support functions for the entire 575-bed campus.

Our design created 12 living areas with three unique program communities: the Living Area; the Program Communities; and the Treatment Mall also known as the "Hope Center". The program provides three levels of activity and security, based on patient needs for each of these communities. The new Fulton State Hospital is the first facility of its kind in the United States.

To meet the State's aggressive project schedule and ensure continuous campus operations, work proceeded in three phases. The Phase II design included a new food services area and central plant, while Phase III provided integrated spaces for treatment, education, residential, administrative, and support functions.

- 500, 000 SF new construction
- 300 beds
- Architecture, Programming, Planning, Fire Protection Engineering, Interior Design
- AIA Mid-Missouri Excellence in Design Awards, Honor Award





DC Department of Mental Health Washington, DC

St. Elizabeths New Hospital

Located on a prominent bluff overlooking central Washington, DC, the St. Elizabeths Campus has been the site of the District of Columbia's inpatient psychiatric care since the Civil War. To provide the best practices in modern mental health care, the DC Department of Mental Health sought a new facility that would support high quality, recovery-based treatment.

The design unobtrusively balances requirements for security and observation with privacy and respect for residents, creating an effective and flexible therapeutic environment for the treatment community. The necessarily large footprint building is organized to reduce visible mass and provide resident privacy. Secure gardens allow patients access to staff-supervised outdoor areas. Wide sun-filled interior "streets" create a sense of community, while also allowing broad angles of observation, clear circulation, and security. The building itself is a mix of traditional and modern materials, creating an ambient environment contextual with the historic campus yet reflective of a modern approach to psychiatric care.

The new hospital creates a state-of-the-art facility that complements the St. Elizabeths Campus, serves the original hospital mission, and builds on a 150-year continuum of care, architecture, landscape, and community.

- 468,000 SF new construction
- 290 patients
- 16 bed transitional residence
- Award of Merit, Healthcare Category, Mid-Atlantic Construction Magazine, 2010
- Craftsmanship Award, Masonry Category, Washington Building Congress, 2010



Virginia Department of General Services Petersburg, VA Central State Hospital



The new 252-bed inpatient behavioral health hospital will serve acute forensic, secure forensic, and civilly committed patients in the Commonwealth of Virginia. The existing Central State Hospital campus buildings will be replaced with a single building that will provide forward-thinking behavioral health care in a safe, secure, and healing environment. This win is the result of a dedicated team from across offices and sectors which directly reflects the successful and leading-edge work we did at Fulton State Hospital and St. Elizabeths Hospital. This project will further position EYP as the leading design firm for this building typology. We are providing architecture, interiors, graphic design, mechanical, plumbing and fire protection engineering services.

- 428,000 SF new construction
- 252 beds
- Architecture, Interiors, Graphic Design, Mechanical, Plumbing and Fire Protection Engineering

Comanche County Memorial Hospital Lawton, OK

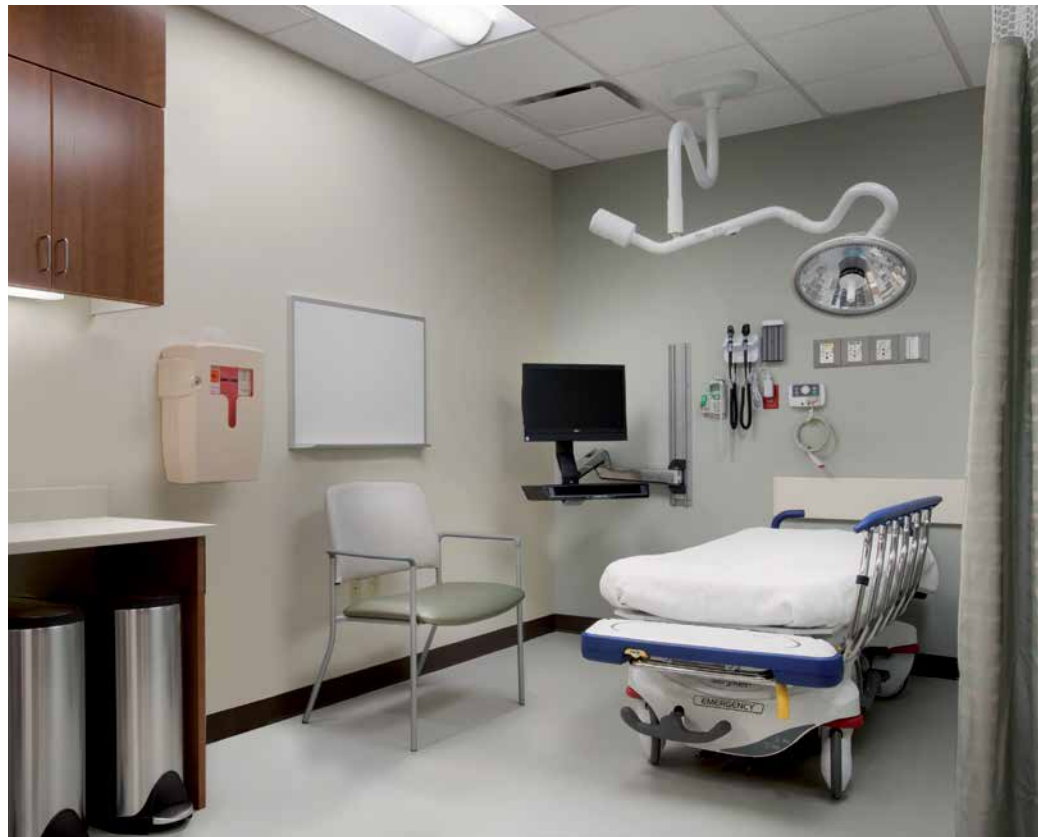
Drewry Family Emergency Center



The Drewry Family Emergency Center features nearly 30,000 square feet of new construction, the addition of a rooftop heliport, an onsite state-of-the-art CT scanner, and five new trauma rooms. More than 11,000 square feet of the existing emergency department will also be renovated in a subsequent phase which will open by end of year 2016.

The new Drewry Family Emergency Center features 38 treatment rooms, expanding its original capacity by 50 percent — a welcomed improvement to one of Oklahoma's busiest emergency centers.

- 45,728 total SF new construction and renovation
- 38 total treatment rooms (including 12 new): 2 triage; 13 minor care; and 23 emergent care (10 general emergent, 5 Level-3 trauma, 4 isolation, 2 behavioral health/psychiatric, 2 OB/GYN)
- On-site dedicated advanced diagnostic imaging to include x-ray; computerized tomography (CT)
- Rooftop heliport landing pad
- Emergency services (EMT) and police workroom
- Family consultation/bereavement room
- Patient viewing room





Fulton County Atlanta, GA
Adamsville Regional Health Center



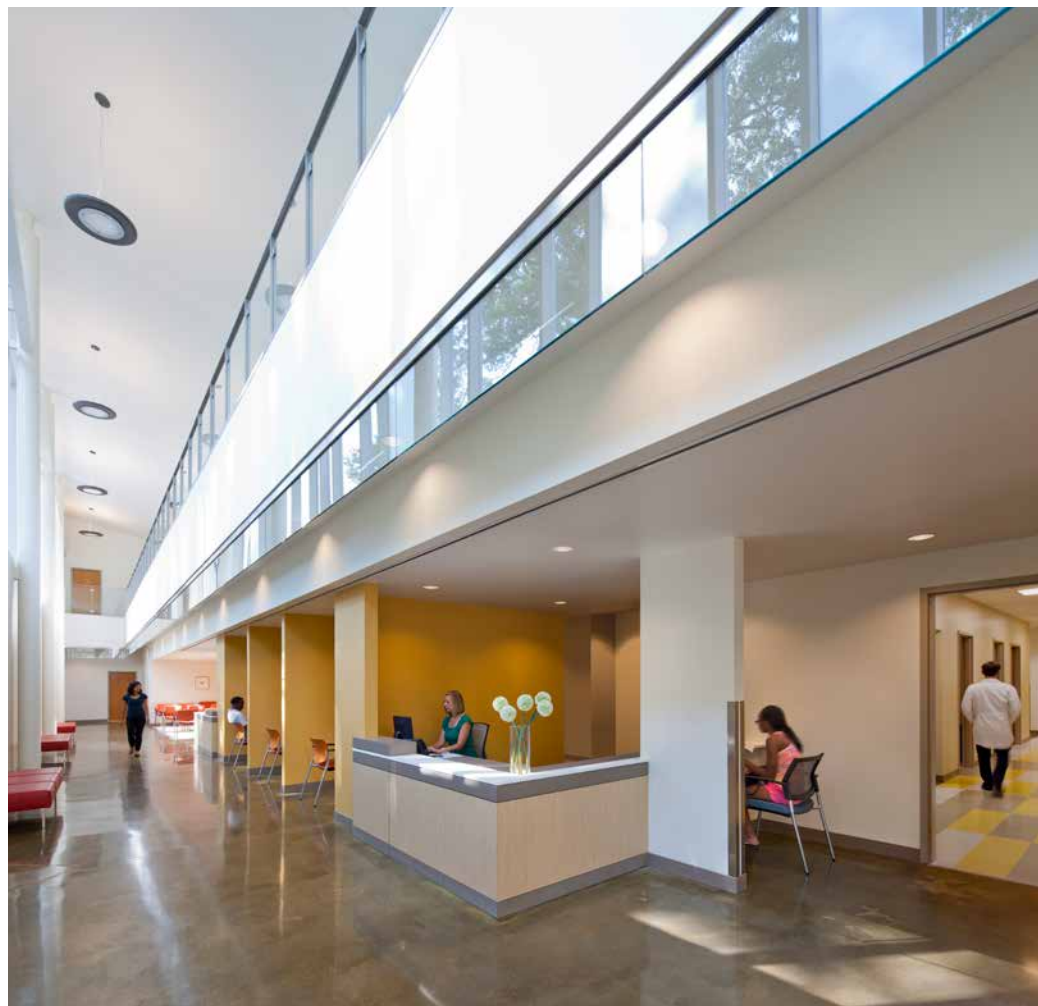
This 34,000-square-foot regional health facility located in an under-served neighborhood in southwest Atlanta combines under one roof a primary care clinic, a behavioral health clinic, childcare facilities, a dental clinic and a workforce community center. In doing so, it projects a holistic idea of wellness and a positive self-image for a challenged community. The building is also meant as a catalyst for future growth in the area.

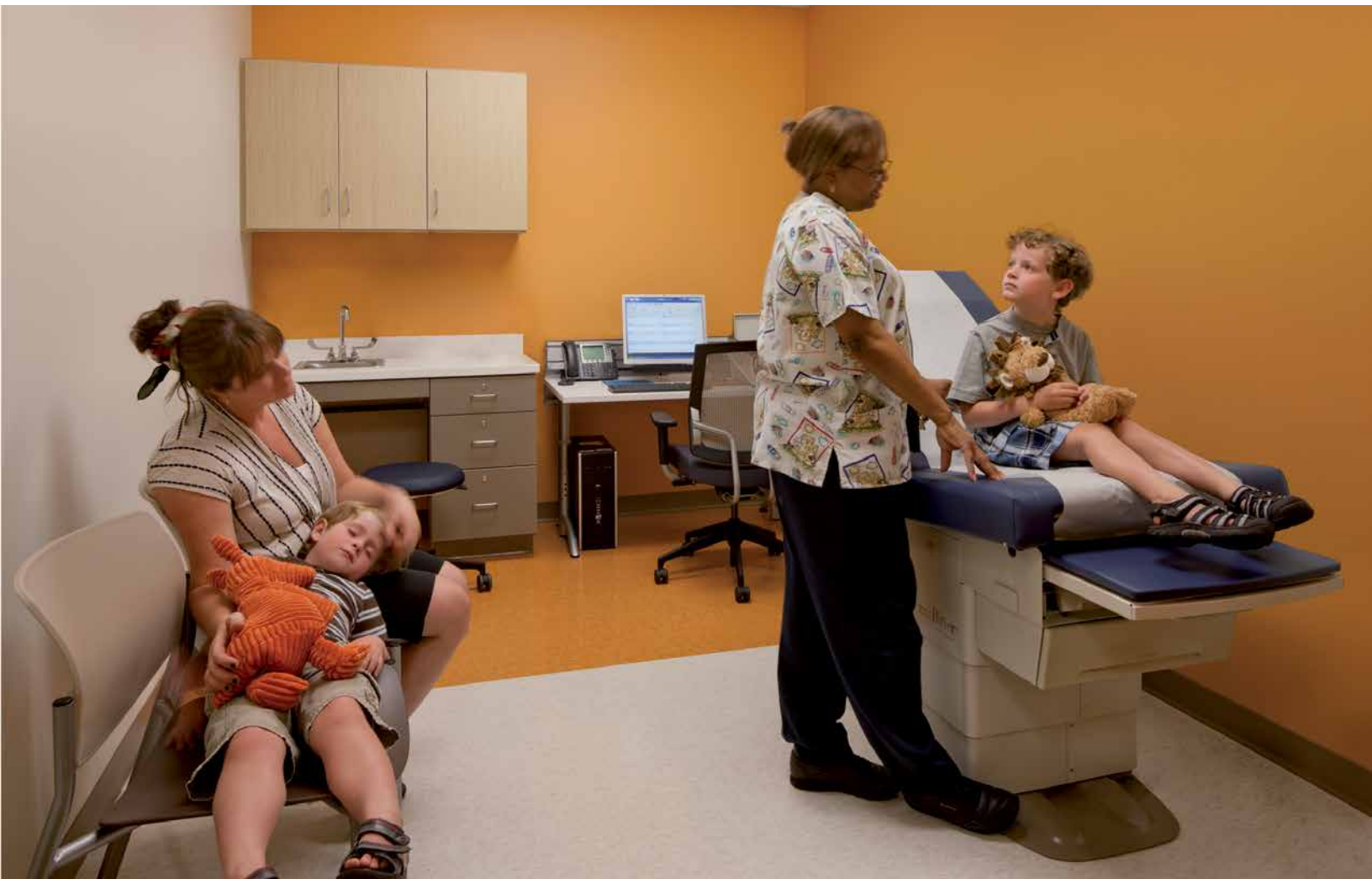
We wanted to create a structure that feels vibrant and alive. The roof was conceived as a dynamic, protective element, a metaphoric blanket, opening upward to welcome in the public. A standing-seam “clamp” folds over the roof to house mechanical equipment, identify major entries and serve as a beacon. Inside, a decentralized, double-height circulation lobby further integrates all the programmatic components.

This design-build, fast-track project was completed in 275 days.

This was a Design-Build with Whiting Turner Construction. EYP was Architect of Record.

- 34,000 SF new construction





Hackensack Meridian Health Brick, NJ
Ocean Medical Center (OMC) Hirair and Anna Hovnanian
Emergency Care Center Facility Master Plan & Expansion



The modernization and 140,000 SF expansion of Ocean Medical Center's Emergency Department provides patients and their families with the highest quality care, supported by the latest technologies, in a comfortable, private, and family-friendly setting. This project initiated Phase 1 of the Facility Master Plan that EYP created with OMC to guide campus development through 2020.

This three-story addition enabled OMC to relocate and significantly expand its emergency department while adding shelled space for future diagnostic programs and a total of 108 new private patient rooms. The building's massing and form were greatly influenced by its program. The new bed tower floats above the emergency department, creating new covered ambulatory and ambulance entrances.

Our evidence-based approach utilized data from the post-occupancy evaluation of OMC's sister hospital, Jersey Shore University Medical Center (also designed by EYP), to inform and improve unit design. For example, some shared spaces at Jersey Shore — e.g., clean and soiled utility rooms, an equipment storage room, and a nourishment room — were added to each inpatient "neighborhood" making it more convenient for nurses to more efficiently manage patient care.

- 140,000 SF new construction
- 108-bed capacity
- Architecture, Planning, Programming, Interior Design





University of New Mexico Sandoval Regional Medical Center

Rio Ranch, NM

New Hospital with a Mental Health Unit

Designed to promote density, environmental responsibility, and well-being, the acute-care hospital opened with 68 beds, and offers inpatient and outpatient services, as well as an eight-bed inpatient Mental Health Unit.

Since the Mental Health Unit is located on the first floor of the SRMC hospital and adjacent to the Emergency Department, medical and surgical diagnostic and treatment services are readily available — if a patient should need this attention. The psychiatric program consists of both a secured Inpatient Unit and a separate department for Outpatient Services. All patients are screened and evaluated in Outpatient Services to determine a diagnosis and whether or not admission is necessary.

The Mental Health Unit is under the supervision of a professional registered nurse qualified to care for psychiatric patients; participate in interdisciplinary formulation of treatment plans; give skilled nursing care and therapy; and direct, supervise and educate personnel providing patient care. Staff includes registered nurses, social workers, mental health techs, and providers.

The Mental Health Unit also includes one seclusion room, one exam room, and one large secure nursing station — and within the nursing station, a dedicated medication room with dispensing window. In addition, there are laundry facilities, a library, a secure outside garden area, and an activity room that also doubles for a dining area.

EYP was Associate Architect on the project

- 200,900 SF
- 8 bed inpatient Mental Health Unit
- Programming, Architecture and Interior Design



Kennedy Krieger Institute Baltimore, MD
Harry and Jeanette Weinberg Center for Developmental
Disabilities



This award-winning facility is an oasis of hope and confidence for children and adolescents with brain and spinal cord difficulties, as well as an affirmation for dedicated caregivers and staff. Dynamic design seamlessly integrates building, interior, and landscape to create a holistic healing environment. The new building collocates research, education, and therapeutic outpatient services that had previously been housed in scattered locations of the Kennedy Krieger Institute, an affiliate of the Johns Hopkins School of Medicine.

Glass walls advance the Center's mission by showcasing its work to the city while admitting daylight and views. The block-long therapy garden — organized into distinct "rooms" devoted to mobility activities for young patients, and respite for families and staff — simultaneously respects the need for privacy and proclaims the Center's presence. The design was conceived to express therapy in its form and mass, research in its curtain wall, and hope in its transparency.

Essential facilities, including examination rooms, therapy pools and gyms and a conference center, are accessed through the expansive two-story lobby whose organic shapes, nature-inspired colors, and invitingly tactile materials extend a soothing welcome. A multi-functional treatment area accommodates occupational and physical therapy, speech and audiology therapy, and an Activities of Daily Living (ADL) suite.

- 115,000 GSF
- Modern Healthcare/American Institute of Architects Design Award – Honorable Mention ASID Design Excellence Award (Healthcare) – Gold
- IIDA Best of the Best Awards (Healthcare) – Top Honor
- *Contract Design Magazine*, Honorable Mention (Healthcare Environment)





Children's Health Dallas, TX

Emergency Department Renovation

This multi-phased renovation involves two floors of ED space, utilizing a split flow model of care. The design will provide an overall improvement of patient flow, visibility from within the clinical care area, and right-sizing of clinical care space.

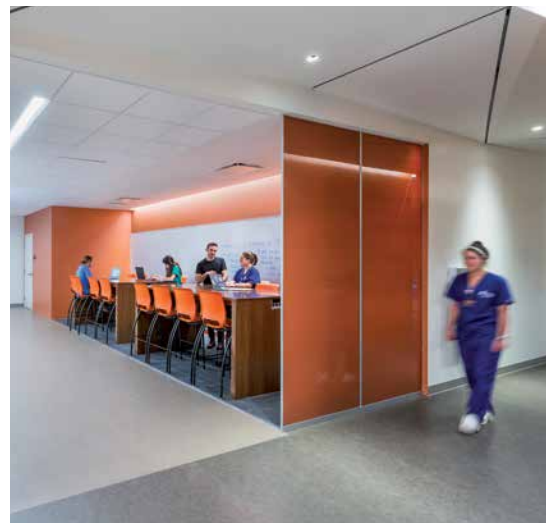
The master plan recommendation includes a new pedestrian connection allowing visitors to access the ED without circulating through the department.

The multi-phase renovation will include new public waiting, sub-waiting, three new trauma rooms with updates to one existing critical care room, a new 10-bay respiratory suite and 37 other exam rooms. Dedicated rooms include special procedure rooms, isolation exam, 10 exam room psychiatric/behavioral unit, and respiratory care.

The new entrance and triage zone, along with the new exam room layout, will increase patient flow and wayfinding.

- 44,000 SF renovation





HEALTH EDUCATION

BEHAVIORAL HEALTH & SOCIAL SCIENCE

We are committed to helping our nation address some of today's most critical issues – education, healthcare, and energy. Working with clients whose mission embodies the intersection of these issues is our passion and privilege. Our integrated AEEI team is helping advance integrated, systems- and team-based education for medical, nursing, dentistry and allied health professionals through client-centered, high-performance design.

Our evidence-based approach yields flexible, immersive, and active spaces that support diverse learning styles, promote synergies for collaboration, and help ease students' transition to clinical work. From technology-infused environments for medical simulation, to smart classrooms and labs, and to gracious soft spaces, our goal is a unified spatial experience that fosters learning in community. This is how we define high-performance design – beautiful facilities that express institutional vision and identity, promote occupant health and well-being, encourage inter-professional community, and maximize energy performance for fiscal sustainability.

UTHealth Science Center Houston, TX
Behavioral & Biomedical Sciences Building



The Behavioral and Biomedical Sciences Building combines both clinical and research facilities. Combining the departments into one building capitalizes on shared services and reduces the overall building footprint.

Behavioral Science components are located on the lower floors as they require the most public access.

The Substance Abuse Research Center (SARC) and the Treatment Research Clinic (TRC) share a mission to define better treatment options for those with issues of substance dependence. The center and clinic include spaces for individual and group therapy, exam rooms, pharmacy and support spaces. SARC provides free and confidential research-based treatments for several outpatient programs.

The Psychiatry Clinics treat adult and child/adolescent patients with a variety of behavioral and psychiatric disorders. The clinic includes exam rooms, therapy rooms, a control room, offices, and waiting area. Individual and group psychotherapy are provided along with medication treatment. Various treatment modalities are used including psychodynamic, supportive, cognitive, behavioral, and psychopharmacological interventions.

The Center for Human Development Research is a multi-disciplinary center for research on developmental psychopathology and disabilities. Their mission is to be a center of excellence in research, education, clinical, and community service related to all aspects of human development and developmental psychopathology. This area, located on the second floor, includes specialty rooms for testing and evaluation.

The neurobehavioral wet lab, departmental offices, the neuroscience executive suite, and the remainder of the common areas are on the third floor.

- 153,900 GSF
- Master Planning, Programming, Architecture, Interior Design, Furniture Specification





James Madison University Harrisonburg, VA
Health & Behavioral Studies Building



The new interdisciplinary facility is designed to foster the behaviors essential for success in the increasingly interprofessional healthcare work environment.

Larger departments – Nursing, Health Science (including Occupational Therapy, Athletic Training, and Dietetics), and Communication Sciences and Disorders – share floors and simulation spaces. Smaller departments and program elements – Social Work, Creative Services, and the Dean’s suite – are located by functional adjacency. Specialized teaching laboratories anchor each floor, creating distinct identities for the departments, as well as destinations for other faculty and students.

The building houses three types of simulation learning technology: simulation mannequins, human patient simulation, and virtual patient simulation. In addition to teaching laboratories, classrooms, lecture halls, informal learning spaces, and administrative spaces, the program includes specialized research and clinical spaces to study and treat patients with hearing and communication impairments.

- 150,000 GSF
- LEED Silver design
- 13 research labs
- 17 classrooms
- 19 teaching lab
- Patient simulation lab
- Food production lab
- 2 165-seat lecture halls
- Hearing clinic





FIRM OVERVIEW

Disciplines

Architecture, Engineering, Energy, Environmental Graphic Design, Interior Design, Master Planning

Integrated Design Expertise

- Academic Innovation
- Diplomatic Facilities
- Energy & Sustainability
- Health Education
- Healthcare
- Historic Preservation
- Libraries
- Master Planning
- Mission Critical Facilities
- Modernization
- Science & Technology
- STEM
- Student Life
- Workplace

Research

- Building Science
- Healthcare Design
- STEM
- Energy
- Living-Learning
- Workplace

Recognition

- 2018 Top 25 Architecture Firms, *Architectural Record*
- 2018 Giants 300, Architecture/Engineering Firms, *Building Design + Construction*
- 2018 Top 500 Design Firms, *Engineering News-Record*
- 2018 Healthcare Giants, *Interior Design*
- 2017 Architect 50, *Architect Magazine*
- 2017 MEP Giants, *Consulting-Specifying Engineer*
- 2017 Top Architects, #1 for Healthcare Renovation, *Health Facilities Construction Quarterly*

SERVICES

Architecture

- Design
- Planning
- Programming
- Interior Design
- Life Safety
- Environmental Graphic Design
- Workplace Strategy & Design
- Master Planning

Energy

- Building Performance Optimization
 - Energy Audits
 - Energy Master Plans
 - Retro-commissioning

Engineering

- Electrical
- Fire Protection
- Mechanical
- Plumbing
- Security
- Structural
- Telecommunications

Consulting

- Graphic Design
- Marketing Communications
- Public Relations

BEHAVIORAL HEALTH CLIENTS

Children's Health, Dallas
Comanche County Memorial Hospital
DC Department of Mental Health
Devereaux Neurobehavioral Institute
Fulton County Georgia
Georgia Regional Hospital
Grady Health System
Hackensack Meridian Health
James Madison University
Kennedy Krieger Institute
Missouri Department of Mental Health
Office of General Services, New York
Texas Children's Hospital
University of New Mexico Medical Group
US Army Corps of Engineers
UTHealth
Virginia Department of General Services

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people, purpose, planet

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