

IIDA | STUDENT
DESIGN
COMPETITION

DIGESTIVE HEALTH CLINIC

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TABLE OF CONTENTS

- Introduction3
- Design Problem3
- The Challenge3
- Program Requirements4-6
- Submission Requirements6
- Requests for Clarification7
- Timeline7
- Entry Fees7
- Eligibility7
- Awards7
- Judging7
- Floor Plans7
- Resources for Design Considerations.....8



INTRODUCTION

The IIDA Student Design Competition celebrates the talent and fresh design ideas of the interior design students throughout the world who are currently enrolled in an interior design program or institution. The competition provides emerging professionals the opportunity to showcase their work and gain exposure in the interior design industry.

2020 DESIGN PROBLEM

A physician's group that specializes in gastroenterology will be constructing a 12,540-square-foot digestive health clinic within a new medical office building (MOB) in Scottsdale, Arizona. This clinic will specialize in preventing, diagnosing, and treating digestive and liver disorders such as celiac disease, Crohn's disease, acid reflux, irritable bowel syndrome, hepatitis, and cirrhosis. The clinic goal is to advance the delivery of care for patients suffering from all digestive health conditions.

THE CHALLENGE

The 2020 IIDA Student Design Competition invites you to space plan and design the digestive health clinic described above. The space plan should include all program requirements such as waiting areas, exam rooms, offices, and an infusion therapy suite. The design should facilitate increased efficiency for physicians and create a seamless patient experience through thoughtful use of architecture, interior design and space planning strategies. A spa-like feel and amenities seen in hospitality are instrumental in creating a sense of calmness and well-being. The new facility should be flexible and allow for growth due to the changing landscape of healthcare from volume-based care to value-based care.

Submissions should feature a majority (50% or more) from Carolina and OFS. Consider healthcare solutions from these key collections, as well as many others in the Carolina and OFS portfolios: Mile Marker, Modern Amenity, Lasata, Stray, Evergreen, Element, and STAKS. Keep in mind that Carolina and OFS, in addition to its standard products, consistently provide clients with custom and special orders, and there would be no better place than the Digestive Health Clinic to take advantage of those capabilities. Participants are also encouraged to use pieces from other manufacturers when creating their design solutions.

Healthcare facilities such as this digestive health clinic should take into consideration ADA Standards for Accessible Design, HIPPA Privacy Rules, and make seating accommodations for the bariatric population or for parents with small children.

Please note that this is a fictitious project. We are providing a city location and a building image to help with the design process. Something to this effect:



PROGRAM REQUIREMENTS: PUBLIC SPACES

Active Waiting Area:

The active waiting area should be flexible and feel spa-like. Patients, family members, and loved ones will require a variety of coordinated seating and table options that are healthcare appropriate and accommodate the bariatric population. Patients, family members, and loved ones will wait between fifteen (15) minutes to one (1) hour and often bring a book, newspaper, laptop, or tablet to pass time. This area should incorporate positive distractions and hospitality-like amenities.

Check In:

The reception desk should meet ADA requirements and support four (4) users that will be technology heavy with phones, computers, and a shared printer.

Check Out:

Check out will require a two-sided desk that will support patients and staff. Patients will briefly sit to schedule appointments and discuss insurance and billing. The employees will be technology heavy with phones and computers. The employees will share a large printer and filing/storage. HIPPA and ADA requirements need to be taken into consideration when designing this area.

Patient Bathrooms:

Include four (4) ADA, gender-neutral bathrooms that are accessible to the waiting area and exam rooms.

PROGRAM REQUIREMENTS: PATIENT SPACES

Consultant Room:

The consultation room will support a physician meeting with a patient and/or loved ones to discuss treatment plans. The room should accommodate four to six (4-6) people and requires a television screen for physician use.

Exam Rooms:

The twenty (20) exam rooms should balance the needs of patients, family, loved ones, and staff. They need to be efficient, flexible, and well equipped for all parties. Within this space the following will occur but is not limited to: physical exams, reviewing surgical and treatment options, reviewing X-rays and test results, and scheduling follow up appointments, surgeries, or treatments. During the examinations and consultations, virtual technology will often be used to support these discussions and decisions. Each exam room should be nearly identical. One (1) exam room will need to be larger and function also as a procedure room that does not require an aseptic field but may require the use of sterile instruments or supplies.

Infusion Suite:

- **Clinical work area:** Four (4) nurses will need an area to observe and treat patients undergoing infusions. This is a very busy area and defining workflow is critical. Staff will require access to patient charts and work surfaces in which to dictate and consult with physicians. Locks are required as the clinical work area will house patient files and sensitive work-related documents. The nurses will be technology heavy with phones, computers, and a shared printer.
- **Patient area:** Six (6) areas for patients to receive IV medications. A typical patient infusion may last two to six (2-6) hours and a family member or loved one may sit with the patient to show support. The patient and family member often bring a book, newspaper, laptop, or tablet with them to create a positive distraction. This area should incorporate positive distractions and hospitality-like amenities.
- **Bathroom:** One (1) ADA, gender-neutral bathroom that is accessible to the patients who are receiving infusions and their family members.
- **Clean supply room:** Houses clean medical supplies and linens required for infusion patients.
- **Soiled hold closet:** Houses all dirty linens.
- **Mix room:** Houses infusion drugs, trays, refrigerator, storage, and counter area.
- **Nourishment area:** A small, open area with a sink and refrigerator that houses drinks and snacks for infusion patients.

Short Term Waiting Area

The short term waiting area should evoke a sense of comfort and home for patients and loved ones. The area will need to accommodate six to eight (6-8) people who will then move to an exam room or the infusion suite.

Weight Check

Within the weight check area, a patient's vital signs and weight are gathered prior to moving to an exam room. The space should include some privacy with a standard scale, bariatric scale, and a place to hang personal items.

PROGRAM REQUIREMENTS: CAREGIVER SPACES

Administrative Work Areas:

The two (2) offices will support eight (8) employees that are responsible for billing insurance, ordering medical and office supplies, and other administrative duties. The employees will communicate and interact with staff and physicians throughout the day via email, phone, or face-to-face. Locks are required, as this office will house patient and sensitive work-related documents.

Charting Alcoves:

Charting alcoves should be located outside or adjacent to the exam rooms. The alcoves will provide quick access to electronic patient medical records. Nurses and doctors will stand or sit to collaborate and chart. These areas should be clutter-free and should be designed to accommodate future technology changes. There should be four (4) shared charting alcoves.

Clinical Director Private Office:

The private office will have one (1) physician that oversees the clinic. The physician will communicate and interact with patients, family members, staff, and physicians throughout the day via email, phone, or face-to-face. Locks are required, as this office will house patient files and sensitive work-related documents.

Clinical Work Areas:

The two (2) clinical work areas are very busy and defining workflow is critical. These areas will house patient files and sensitive work-related documents, so locks are required. These areas will be technology heavy with phones, computers, and a shared printer. There should be three (3) locked medical closets, a supply closet, and a shared printer/storage area.

Instrument Sterilization:

Requirements for this room are yet to be defined but the room should be accessible to the large exam/procedure room and a common corridor. The room should be approximately 9' x 10'. Additional design requirements are not necessary.

IT Closet

Requirements for this room are yet to be defined. Please space plan an area that is 10' x 10' with double doors. Additional design requirements are not necessary.

Manager's Offices

The two (2) private offices will support the management of the clinic. The managers will communicate and interact with patients, family members, staff, and physicians throughout the day via email, phone, or face-to-face. Locks are required, as this office will house patient files and sensitive work-related documents.

Practitioner's Offices

The shared offices will house sixteen (16) physicians and nurse practitioners. Each office should accommodate no more than four (4) people and be spread throughout the floor plan. Each user will need a writing surface for a computer and phone, personal and work storage, and privacy panels wherever possible to mask sound. All storage/filing will require locks and each office will require an area for a common printer and filing.

Staff Bathrooms

Include two (2) ADA, gender-neutral bathrooms adjacent to the staff lounge and staff lockers.

Staff Lockers

Staff lockers should support a culture of wellness for staff. Lockers should be sizeable enough to encourage people to bring work out gear or other personal items. The staff locker area will be a common area that should accommodate thirty-six to forty (36-40) people and be adjacent to the staff lounge and bathrooms.

Staff Lounge

The staff lounge will accommodate staff, nurses, and physicians. It will be a multi-purpose space that is utilized for lunches, breaks, training, staff meetings, and in-services. It should promote a sense of calmness and retreat, as well as a team mindset. Within the kitchen area, there should be room for three (3) microwaves, two (2) refrigerators, and a trash/recycle bins. The staff lounge area should accommodate sixteen to twenty (16-20) people.

SUBMISSION REQUIREMENTS

Your project must be submitted digitally through the competition website. Submission to the website will be open from Monday, January 13, 2020, to Monday, February 17, 2020. We recommend working on submissions prior to these dates.

Each submission must include the following:

1. Project/contact info (entry form):

- Participant name(s)
- Member ID (if a current member)
- Project title
- Contact info
- 500-word project description outlining why your concept demonstrates the best solution for the Digestive Health Clinic.

2. One (1) 24" x 36" digital presentation board in PDF format, file size between 3MB and 10MB, containing:

- One (1) dimensioned floor plan drawn to scale
- One (1) furniture and materials plan
 - You may combine the dimensioned floor plan and furniture plans.
- One (1) reflected ceiling plan, created with the assumption that the ceiling is a blank slate
- Two to four (2-4) renderings of the completed space
- Two (2) additional drawings of the space, which can be an elevation, perspective, isometric, axonometric, or orthographic drawing

NOTE: Do not place your name or other identifying information on your board or you may be disqualified.

3. Individual JPG file submissions of the ten to twelve (10-12) required drawings/renderings outlined above saved as:

- JPG format
- RGB color mode
- 8.5" x 11" minimum dimensions
- 150 minimum dpi resolution (300 dpi preferred)
- File size between 1MB and 10MB
- File name: SDC + initials + year_number (SDCLHH2020_1.jpg)

NOTE: Do not place your name or other identifying information on your JPG file submissions or you may be disqualified.

REQUESTS FOR CLARIFICATION

All requests for clarification or general questions regarding the 2020 IIDA Student Design Competition design problem and requirements must be sent to IIDA at students@iida.org by Friday, September 27, 2019. Questions received after this date will not be answered. All questions received by this date will be answered and posted online as an FAQ on Friday, October 25, 2019.

TIMELINE

Call for entry period: Monday, January 13, 2020, to Monday, February 17, 2020

Submission deadline: Monday, February 17, 2020, 11:59 p.m. Central

ENTRY FEES

Individual Entries

- IIDA Student members: \$25.00
- Non-members: \$50.00

Team Entries

- IIDA Student member: \$40.00
 - At least one student on the team must be an IIDA Student Member
- Non-members: \$80.00

ELIGIBILITY

The 2020 IIDA Student Design Competition is open to students around the world who are currently enrolled at an interior design program or institution. Participants can enter individually or as a team with a maximum of five (5) people.

AWARDS*

First Place: \$2,500.00

Second Place: \$1,500.00

Third Place: \$750.00

**Prizes will be split between team members for winning team submissions.*

JUDGING

A panel of three judges will evaluate the entries on:

- Innovation and creativity: 20%
- Coherence and functionality: 20%
- Human and environmental impact: 20%
- Fulfillment of the program requirements and additional contributions above and beyond the basic program: 20%
- Presentation: 20%

FLOOR PLANS

[Click here](#) to view floor plans.

Please note, additional plans, such as reflected ceiling plans, mechanical, electrical, or plumbing plans, will not be provided for this program to allow more flexibility for design solutions.

Notes about printing pdf on 11x17 paper. Ceiling heights are fixed and noted. Windows are locked in the CAD plan and should not be altered.

RESOURCES FOR DESIGN CONSIDERATIONS

For last year's competition, Carolina and IIDA created this [video](#) of healthcare design experts to share their thoughts on the healthcare design profession, design considerations, and provide competing students with helpful tips when creating their submission.

HEALTHCARE DESIGN TERMINOLOGY

[LEAN Design](#)

[HIPPA](#)

[Bariatric Population Design](#)

[Biophilic Design](#)

[Healthier Hospital Initiative](#)

ADDITIONAL RESOURCES

[2018 Predictions for Healthcare Facility Design](#)

[Healthcare Design magazine](#)

[Healthier Hospitals](#)

[The Center for Health Design](#)

[How to Specify Seating for Healthcare](#)

[10 Key Business Trends for GI Physicians and Centers in 2018 and Beyond](#)

[Volume Based Care](#)

IIDA

IIDA is the commercial interior design association with global reach. We support design professionals, industry affiliates, educators, students, firms, and their clients through our network of 15,000+ members across 58 countries. We advocate for advancements in education, design excellence, legislation, leadership, accreditation, and community outreach to increase the value and understanding of interior design as a profession that enhances business value and positively impacts the health and well-being of people's lives every day.

www.iida.org

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