**The University of Arizona Cancer Center**  
Phoenix, Arizona

**Architect(s)**  
ZGF Architects

**Completion Date**  
2015

**Owner/Affiliation**  
University of Arizona and Dignity Health St. Joseph's Hospital and Medical Center

A deliberate layering of glass, copper-colored metal, and neutral stone forms the building's architectural expression, which directly relates to the patient experience—their comfort, privacy, and warmth, while simultaneously establishing the building's unique identity on the campus. Because the sun interacts differently with every side of the building, the double facade on the east and west is cloaked in an outer layer of folded, perforated metal sunshades that protect the exam rooms and offices from the glare of the morning and evening sun, helping to control heat gain and providing a sense of privacy, while still allowing for unobstructed views. These shades also represent a metaphoric blanket around the building, signifying a protective layer of warmth and healing for occupants.

The University of Arizona Cancer Center
Phoenix, Arizona

**STRATEGIES**

**Daylighting**
All exam and treatment rooms have access to daylight.

See through exterior screens shield areas that have harsh sunlight to provide daylighting while still considering patient comfort.

**Views to Nature**
The facility has floor-to-ceiling windows on all sides of the building that look to its exterior garden spaces.

**Warmth and Hospitality**
The materials and furnishings were specifically picked so the building would seem more like a hotel or spa than a medical facility.

**Desert Palette**
Creams, tans, and browns are used as a primary color scheme to match the surrounding landscape. Travertine stone is used for both exterior and interior elements.

**STRATEGIES**

**Daylighting and Views to Nature**
"symbolize a protective layer of warmth and healing to those within"

**Warmth and Hospitality and Desert Palette**
In Partnership With:

**TRAVEL DISTANCE ANALYSIS**
- From entrance to main registration:
- From main registration to radiology:
- From main registration to radiation oncology:
- From main registration to second floor registration:
- From second floor registration to infusion therapy:
- From second floor registration to pharmacy:
- From second floor registration to survivorship:
- From main registration to third floor:
- From third floor entry to gynaecology:
- From third floor entry to breast program:
- From third floor entry to radiology:
- From third floor entry to dermatology:
- From third floor entry to fourth floor entry:
- From fourth floor entry to gastrointestinal:
- From fourth floor entry to head and neck:
- From fourth floor entry to genitourinary:
- From fourth floor entry to thoracic:
- From fourth floor entry to interventional radiology:
- From fourth floor entry to prep/recovery:
- From fourth floor entry to endoscopy:

**FLOOR PLAN | ANALYSIS**


Case Study Format Developed By: AIA Academy of Architecture for Health | Research Initiatives Committee

In Partnership With: AIA Academy of Architecture for Health | Research Initiatives Committee
The University of Arizona Cancer Center
Phoenix, Arizona

DEPARTMENT PLAN KEY:
- Welcome Desk
- Cafe
- Radiology
- Dry Research
- Radiation Oncology

KEY SPACES:
- Infusion Therapy Bay (75-80 sf)
- Registration Desk (50-60 sf)
- Lab Offices (120-130 sf)
- Office (130-140 sf)
- Linear Accelerator Room (702 sf)

DEPARTMENTAL SQUARE FOOT TAKE-OFFS

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<thead>
<tr>
<th>Department</th>
<th>Net</th>
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<tr>
<td>Radiology</td>
<td>1095 SF</td>
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<td>Radiation Oncology</td>
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<td>13241 SF</td>
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KEY SPACES:
- Infusion Therapy Bay (75-80 sf)
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<thead>
<tr>
<th>Department</th>
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<td>Infusion Therapy</td>
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<td>2210 SF</td>
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<td>Laboratory</td>
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<td>3300 SF</td>
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<tr>
<td>Admin</td>
<td>3183 SF</td>
<td>4125 SF</td>
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AIA/AAH DESIGN AWARD WINNER

Category: Built, less than $25 million in construction cost

JURY COMMENT:

▶ The articulated metal screens on the east and west facades offer an appropriate climatic response, transparency and a strong visual identity to the building.

▶ The Jury appreciated dappled effect of light on a well-detailed central stair. Interior spaces are clean and well composed.

▶ The use of wood with stone adds warmth and comfort. Moveable patterned glass screens in the infusion space offer privacy or an opportunity for socialization.

LEVEL THREE:

Gynecology Program
Breast Program
Radiology
Supportive Care
Dermatology

DEPARTMENTAL SQUARE FOOT TAKE-OFFS

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<th>Department</th>
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<td>Dermatology</td>
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LEVEL FOUR:

Gastrointestinal Program
Head and Neck Program
Genitourinary Program
Thoracic Program
Interventional Radiology
Prep/Recovery
Endoscopy

DEPARTMENTAL SQUARE FOOT TAKE-OFFS

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<tr>
<th>Department</th>
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<tr>
<td>Endoscopy</td>
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<td>3287 SF</td>
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PROJECT SUMMARY

Project: The University of Arizona Cancer Center (UACC) at Dignity Health St. Joseph’s Hospital and Medical Center
Project location: Phoenix, Arizona
Owner/Client: The University of Arizona
Architect: ZGF Architects LLP
Landscape architect: Wind Design Group, Inc.
Civil engineer: Dibble & Associates Consulting Engineers
MEP engineer: Affiliated Engineers, Inc.
Lighting design: Francis Krahe & Associates, Inc.
Environmental design: Atelier Ten USA LLC
Construction Manager: Hensel Phelps Construction Company
Code (Fire/Life Safety/ADA) Consultant: Jensen Hughes, Inc.
Vertical transportation consultant: Lanch Balens, Inc.
Photographers/Illustrators: Nick Memik / Tom Harris / Hedrich Blessing

PROJECT SUMMARY

Contractors:
• Construction cost: $87,000,000
• Building area GSF: 220,000 GSF
• Construction start date: February 2013
• Substantial completion date: June 2015