

Touchstone Awards Application Information

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1. About the Touchstone Awards

Description

Since 2009, The Center for Health Design has awarded individuals with the EDAC (Evidence-Based Design Accreditation and Certification) credential, who demonstrate base knowledge about the evidence-based design process when they pass the EDAC examination. Now with over 3000 certified individuals,

The Touchstone Awards are the next step in the application of the evidence-based design process. Awards are given to projects and products that show exemplary achievement across three touchstones of the EBD process: Collaboration, Evaluation, and Sharing. Applicants can apply for a conceptual project or product, or a project that is not completed, recognizing that the award level will be based on the criteria and level of achievement. While other approaches (e.g. Lean) can be complementary to the EBD process, to be considered for a Touchstone Award, applicants for this award must provide examples that illustrate how EBD was integrated.

The award supports and illustrates the value of broad stakeholder engagement and recognizes individuals and teams that find and review evidence to inform their design decisions, develop a hypothesis, and conduct post-occupancy evaluation or research to add to the body of knowledge in the industry and share these results. The application form can serve as a documentation tool to capture the use of the EBD process during the phases of planning, design and construction.

Application Recommendations

- It is highly recommended that the person leading the application process is/was a member of the project team. This individual should be able to provide in-depth details and specific examples about the application of the EBD process. Ideally, the application will be completed in the spirit of the award: collaboratively by all members from participating organizations/representative groups.
- Please note that the jurors will score the application based on the answers provided and will not make assumptions about what may have been done. It is important to read the criteria and questions carefully to determine what information is requested.
- Please note that scoring will reflect the quality of writing and clarity of responses. Careful proofing is recommended. Marketing language, jargon, and general statements are discouraged, and if used, should include specific examples but must remain blinded to identifying information.

Award Criteria & Recognition

Using a detailed evaluation matrix created by The Center for Health Design submissions will be judged based on their success in achieving criteria in the following three categories:

Collaborate: Submissions must demonstrate interdisciplinary team and stakeholder education, engagement, and development.

Evaluate: Submissions must demonstrate the extent to which evidence was found, evaluated, and applied to develop and link design strategies to outcomes and how the project/product measured and evaluated the results and outcomes.

Share: Submissions must demonstrate how the EBD process was applied, how the knowledge gained was documented and disseminated, and how lessons learned were shared and could have potential applications for future projects.

There are three award levels: Silver, Gold, and Platinum. The level will be determined based on the successful achievement of the criteria within each category (Collaborate, Evaluate, and Share). Applicants will only be considered for the Gold or Platinum Level if they have also met the majority of the criteria in the preceding levels (See Figure A). A Platinum Award demonstrates the highest achievement and application of the EBD process. Projects/products that are solely conceptual, or are yet to be built, can also be considered for an award. These projects/products may only qualify for the Silver or Gold level. Projects/products must be completed to be considered for a Platinum award.

Figure A. Levels of Recognition



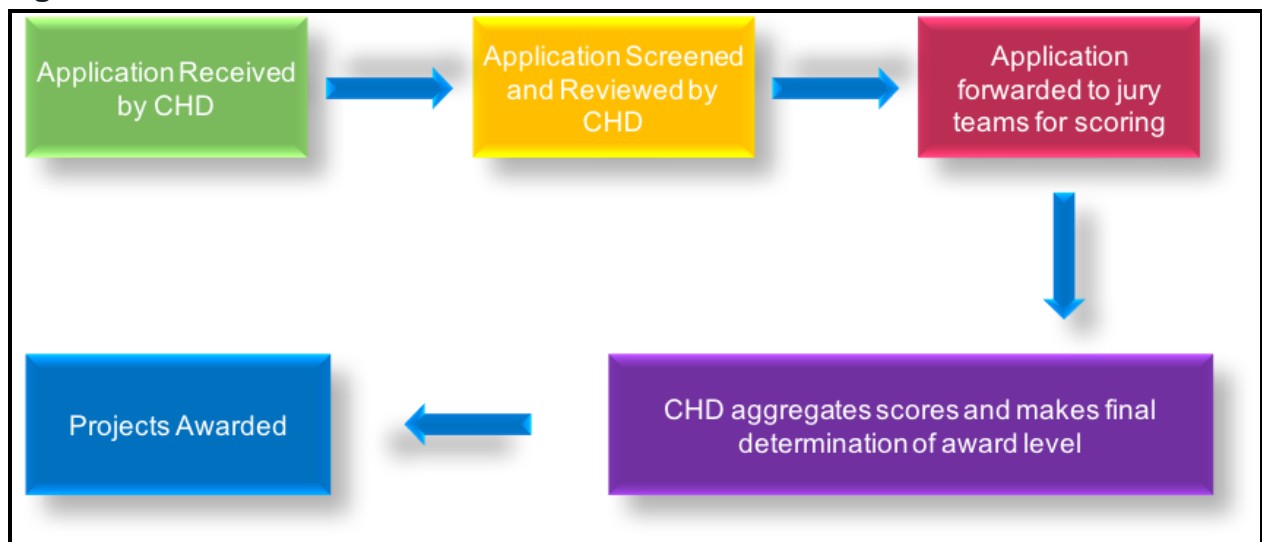
Minimum Eligibility Criteria

To meet minimum eligibility criteria, your application must *clearly* demonstrate at least partial achievement on all Silver level criteria. Partial achievement does not guarantee a Silver award, only that your application will be passed on for official review by the jurors.

Review and Scoring

Awards are given based on how well the submission meets the criteria to achieve one of the levels of recognition. Applicants are not compared to one another; only against award criteria. The Center will automatically receive a copy of each completed application. The application will be screened and reviewed by The Center to ensure all the questions have been completed and basic eligibility criteria have been met. Applications that pass this evaluation will then be forwarded to a jury team for scoring. The Center will then aggregate the jury scores to determine the applicant's level of award recognition (see Figure B).

Figure B. Review Process



Application and Fee

This survey is composed of eight sections for a total of 57 questions.

- First section: Applicant Profile (5 questions)
- Second section: Project Information (12 questions)
- Third section: High-Resolution Project Images (4 questions)
- Fourth section: Collaborate (9 questions)
- Fifth section: Evaluate (14 questions)
- Sixth section: Share (4 questions)
- Seventh section: Project Images (8 questions) (Optional)
- Eighth section: Request for Photo Use Permission (1 question)

We recommend drafting all of your responses and collecting the appropriate materials before beginning the application. You will receive the application link after you submit your application fee (\$1,199.00 USD) on The Center's website. To do this, please click [here](#). Add the application fee to your cart and complete your purchase. You will receive an automated email that contains your order number and the application link (see Figure C). Please save the order number; you will need to enter it in the application to show proof of payment.

Figure C. Application Payment and Order Number

Keep note of your order number; it will be requested in your application.

Thank you for your purchase of the EBD Touchstone Awards application fee.

Please note your order number *13381* and enter that number in the appropriate field within the application form.

To get started on your application, click here:
https://www.surveymonkey.com/r/EBD_Touchstone [1]

To download the Application Guide, click here:
<https://www.healthdesign.org/certification-outreach/awards-recognition/evidence-based-design-touchstone-awards-presented-center> [2]

Any questions about your payment or the application may be directed to The Center for Health Design at [925-521-9404](tel:925-521-9404) or admin@healthdesign.org.

Regards,
The Center For Health Design

Applicant Information

The person submitting this application should provide his/her information below. It is highly recommended that the person leading the application process should have been or is a member of the project team, so they can provide in-depth detail and examples that demonstrate how the evidence-based design (EBD) process was applied and used. Ideally, this application will be completed collaboratively by members from each organization/firm representative group. It is the discretion and responsibility of the person/organization submitting the application to determine which participants/organizations to include in the application and who should receive recognition if the project receives a Touchstone Award. The Center for Health Design accepts the information that is submitted on the application and does not verify its validity or accuracy.

Please note that the jurors will score the application based on the answers provided and cannot make assumptions about what may have been done. It is important to read the criteria and questions carefully to determine what information is being requested. Marketing language, jargon, and general statements are discouraged, but if used, must include clear definitions and specific examples.

Applicant Profile

1. First Name:

2. Last name:

3. Email Address:

4. Phone Number:

5. Company Name:

6. Please enter the order number for the Touchstone Awards Application Fee found in your email receipt:

Project Information

About the Project

1. Project/Product Name:

2. Project Location - City:

3. Project Location- State:

4. Project Location- Zip Code:

5. Project Location- Country:

Primary Architecture/Design Firm/Vendor/Product Manufacturer Contact

1. First Name:

2. Last Name:

3. Email Address:

4. Phone Number:

Primary Healthcare/Long-Term Care Contact (if applicable)

1. First Name:

2. Last Name:

3. Email Address:

4. Phone Number:

Public Relations Contacts

1. At Architecture/Design Firm or Vendor/Product Manufacturer:

2. At Project Location/ Organization:

Additional Project Information

6. Please provide a brief project/product description that can be used for promotional purposes.:

7. Project/Product Type:

8. If other, please specify:

9. Population Served:

10. Is this a Greenfield Project:

If Chosen

If you are chosen to receive an award, please provide the name of the project and the name of the organizations that should be engraved on the award.

1. Project Name:

2. Firm Name:

Socials

Please provide social links so we can tag your accounts (optional)

1. Submitting Organization(s):

2. Project Owner:

High Resolution Project Images

If your project is selected to receive a Touchstone Award it will be included in the award video and other marketing materials. These photos will not be given to the jury for award evaluation. Please upload four images that can be used for this purpose. Each file size is limited to 16MB. Only PDF, JPG, JPEG file types will be accepted.

Four High-Resolution Project Images

1. Image caption/title (1):

2. Please upload the first high-resolution photo here:

3. Image caption/title (2):

4. Please upload the second High-resolution photo:

5. Image caption/title (3):

6. Please upload the third high-resolution photo here:

7. Image caption/title (4):

8. Please upload the fourth high-resolution photo here:

Collaborate Category

For all of the questions, applicants must provide specific examples that illustrate how each criterion was achieved. Generalized statements (e.g., “Project teams were engaged in education” or “The team reviewed literature”) will not be sufficient for jury review. Scoring is based solely upon information provided in your responses. Additionally, if teams utilized alternate approaches (e.g., Lean), applicants must describe clearly and specifically how the approach aligned with or was integrated with key steps of the EBD process.

IMPORTANT, PLEASE READ BEFORE STARTING THE APPLICATION:

1. The jurors will only be given Sections 4 - 7 for scoring purposes.
2. We will NOT ask clarifying questions about your submission. Jurors will review your application with only the information that you submit. If you have questions regarding the completion of the application and would like a one-hour Q & A session with the Touchstone team, please contact Jill Glaser at jglaser@healthdesign.org to set up a time.
3. Your submission must be blinded with all identifying information removed from photos or diagrams that are uploaded for the jury to review. Any application that is not fully blinded, will be returned to the submitter to remove identifying information. If your submission is returned you will have 24 hours to remove the identifying information and return it to The Center.
4. You are allowed eight uploads that support your submission. Each upload should support responses in your survey. The uploads are limited to 8MB and should only be one item per upload. We will not accept PowerPoints, marketing materials, sales brochures, etc. Uploads must be blinded.

Before completing the application, please download the application information packet to view the full list of scoring criteria before answering the questions. Note that any words or phrases in blue can be found in the glossary of the application information packet.

A project/product using an EBD process should create an interdisciplinary project team (a group of individuals from multiple disciplines both within and outside of the healthcare system). This CORE group will envision, champion, organize, create, innovate, manage, monitor, and implement the EBD process for the project.) and ensure the involvement of key stakeholders (People who have a vested interest in the success or failure of the project/product). The success of the EBD process is to get their buy-in and input throughout the process to ensure that their needs and perspectives are considered throughout the project.

Collaboration

1. When was the interdisciplinary project team formed? (100 words)

2. Describe HOW the interdisciplinary project team was educated about the EBD process throughout the lifecycle of the project (inception, design, construction, occupancy, and post-occupancy) or product development (inception, design, production, and post-production). Provide examples that describe or illustrate what education was offered and how the team was engaged on an ongoing basis. Also, if applicable, describe how EBD was integrated within the traditional design process or with other approaches (e.g., Lean). (300 words)

3. In addition to the core interdisciplinary team, what other stakeholders were involved in the project/product development. (100 words)

4. Describe how the stakeholders were educated about the EBD process throughout the lifecycle of the project (inception, design, construction, occupancy, and post-occupancy) or product development (inception, design, production, and post-production). Provide examples that describe or illustrate what education was offered and how the team was engaged on an ongoing basis. (300 words)

5. Please upload and complete the Interdisciplinary Team & Roles and Stakeholders Chars. This information must be blinded without any identifying information. Please note that the Interdisciplinary Team & Roles and Stakeholders Chart is one document. Please complete both sections. (Before uploading, save the Excel document as a PDF)

6. What was the vision for the project/product? (100 words)

7. Describe how the vision was developed, who was involved, and how and when they were involved. (200 words)

8. List the evidence-based design goals and objectives for the project/product. (Step 1: Define evidence-based design goals and objectives) (200 words)

9. Describe what the project team did to use the vision and evidence-based design goals and objectives as guideposts throughout the lifecycle of the project/product. (300 words)

Evaluate Category

The EBD process differs from the typical design process: Evidence is used to inform design decisions, and design strategies are evaluated and linked to measurable outcomes.

Evaluation

1. What were your research questions? Developing a research question is an important first step before searching for relevant evidence. A good research focus will make finding information easier and help the team to understand and organize the information. (200 words)
2. Where did you search for relevant evidence (e.g., online databases, Knowledge Repository, etc.)? (Step 2: Find sources for relevant evidence) (300 words)
3. List some of the key sources (literature, experts, webinars, conference presentations, pilot studies, etc.) that may have influenced the project decision or product development (author name, title, publication source). (200 words)
4. How did you document the sources and summarize the findings? (200 words)
5. Describe how the team conducted a critical evaluation of the evidence. Discuss how your team determined the relevance, credibility, validity, and generalizability of the evidence. (Step 3: Critically interpret relevant evidence) (300 words)
6. Explain how your team applied and used the credible and relevant evidence that was found and the interpretation and findings to inform, create, and innovate design concepts and strategies. (300 words)
7. List some of the design concepts and strategies included in the design of this project/product. Provide specific examples that illustrate the link between the design concepts and strategies and the desired project/product goals and outcomes. (Step 4: Create and innovate evidence-based design concepts) (300 words)
8. What were your hypotheses? A hypothesis is an assumption made to draw out and test its logical empirical conclusions. Hypotheses are predictions logically derived from theoretical reasoning and can be tested through empirical research. (Step 5: Develop a hypothesis) (200 words)
9. List the specific metrics or types of data that were or will be used to inform/evaluate this project/product. How was data collected/will be collected? (Step 6: Collect baseline performance measures) (300 words)

10. How did the team monitor the construction of the project or production of the product? If not in construction/production what would the team have done to monitor the construction of the project or production of the product? (Step 7: Monitor the implementation of construction) (200 words)

11. Summarize the research plan. (A research plan outlines all the details of a study. This plan will contain the research topic(s), the hypotheses, methodology and research design, metrics, data collection and analysis, budget, and timeline and is used to plan and conduct post-occupancy evaluation and research.). (400 words)

12. What was done to conduct an evaluation of the project/product? If no post-occupancy evaluation or research was completed, please explain what would have been done or why it was not done. (Step 8: Measure post-occupancy performance results) (300 words)

13. What were the findings and conclusions from the project's post-occupancy evaluation/research or the product's post-implementation evaluation/research? Be specific, sharing expected and unexpected or surprising findings, especially those that could change future design decisions or refute the hypothesis. If no evaluation was done, please note that it was not completed. (400 words)

14. Describe the business case that was used to document a return on investment for one design strategy/intervention. What was the design strategy and its intended outcome? What was the anticipated return on investment for this strategy/intervention? Or for products, describe the business case that documents the product's return on investment to the user. Provide a clear and concise example. The example must include information that illustrates the first costs, the projected savings, and the time to achieve the projected return on investment. (300 words)

Share Category

A project using an EBD process should share findings to advance the knowledge and accessibility of credible evidence for future projects to move the entire industry forward.

Share Category

1. Describe how the EBD process and results were systematically documented and shared INTERNALLY within the project team during the design and delivery of the project/product. Provide the titles and dates of any presentations given within the design/vendor organization or the healthcare/long-term care organization. (300 words)

2. Describe how the EBD process and results were systematically documented and shared EXTERNALLY outside of the project team within the firm/organization during the design and delivery of the project/product. Provide the titles and dates of any presentations given within the design/vendor organization or the healthcare/long-term care organization. (300 words)

3. Describe how the project team demonstrated a commitment to the legacy of the project/product. How were lessons learned, shared and documented to inform future projects/products? Examples illustrate how lessons learned and outcomes were tracked and documented, e.g., database or other systematic capture of information in research repositories, etc. (300 words)

4. Were the project/product results shared externally beyond the immediate firm/organization? Provide the titles and dates of any blogs, white papers, webinars, magazine articles, and conference presentations. Remember to please blind your answer from any identifying information. (300 words)

5. How does the team share the application of the EBD process and the project/product results by publishing research reports, and/or articles in peer-reviewed publications or industry journals? Provide the name of the journal where the article was published. Remember to please blind your answer from any identifying information. (300 words)

Project Uploads

You have the option to upload up to eight images that illustrate how the project meets the criteria for each Touchstone area: Collaborate, Evaluate, and Share. Each upload should be referenced in the responses to questions in the application. Please use the name of the file when making references. Please only upload one chart or image per upload. We will not accept multi-page documents and/or PowerPoints. Uploads must be blinded and not include any identifying information. Each file size is limited to 16MB. Only PDF, JPG, or JPEG file types will be accepted.

Eight Uploads (Optional)

1. Descriptive Name:

2. Attach a diagram, annotated diagram, sketch, concept model, photograph, or other graphic to illustrate the criteria for Collaborate, Evaluate, and Share. Include a descriptive name for the file:

3. Descriptive Name:

4. Attach a diagram, annotated diagram, sketch, concept model, photograph, or other graphic to illustrate the criteria for Collaborate, Evaluate, and Share. Include a descriptive name for the file:

5. Descriptive Name:

6. Attach a diagram, annotated diagram, sketch, concept model, photograph, or other graphic to illustrate the criteria for Collaborate, Evaluate, and Share. Include a descriptive name for the file:

7. Descriptive Name:

8. Attach a diagram, annotated diagram, sketch, concept model, photograph, or other graphic to illustrate the criteria for Collaborate, Evaluate, and Share. Include a descriptive name for the file:

9. Descriptive Name:

10. Attach a diagram, annotated diagram, sketch, concept model, photograph, or other graphic to illustrate the criteria for Collaborate, Evaluate, and Share. Include a descriptive name for the file:

11. Descriptive Name:

12. Attach a diagram, annotated diagram, sketch, concept model, photograph, or other graphic to illustrate the criteria for Collaborate, Evaluate, and Share. Include a descriptive name for the file:

13. Descriptive Name:

14. Attach a diagram, annotated diagram, sketch, concept model, photograph, or other graphic to illustrate the criteria for Collaborate, Evaluate, and Share. Include a descriptive name for the file:

15. Descriptive Name:

16. Attach a diagram, annotated diagram, sketch, concept model, photograph, or other graphic to illustrate the criteria for Collaborate, Evaluate, and Share. Include a descriptive name for the file:

Photo Release Form

Photo Release Form

1. Please upload the completed version of the Photo Release Form. (Only complete and upload if you included images in your application. The form can be found [here](#)).
-

Thank you!

Thank you!

Thank you for completing a Touchstone application. You will receive an email within a day confirming your application was received. You will be notified by September 27, 2024, if your project received a Touchstone Award.

Please contact Jill Glaser at 925-521-9404 x135 or jglaser@healthdesign.org with any

4. Jury

An expert review panel consisting of key industry stakeholders — Academics, Architects, Designers, Healthcare Executives, Planners, Facility Executives, Patient and Family Advisors, and Researchers — has been engaged by The Center, who will manage the process and ensure blind entry judging. If any juror has participated in any of the submitted projects, he or she will not participate in judging for that project. In all cases, project information will be blinded from all jurors.

Jury Members

Adeleh Nejati, AIA, Ph.D., LEED AP, WELL AP, EDAC
Alberto Salvatore, AIA, NCARB, EDAC
AnnMarie Jackson
Avein Saaty-Tafoya, EDAC
Barbara Dellinger, MA, AAHID, IIDA, CID, EDAC, NCIDQ
Christina Grimes, AIA, LEED AP BD+C, EDAC
Corinn Soro
Daniel DiMarco, AIA, LEED AP, EDAC, Lean C
Deborah Wingler, Ph.D.
Dina Battisto, Ph.D.
Doug King
Fernanda Pires, EDAC, Green Belt Certified for Facilities Design
Frank Zilm, D.Arch., FAIA, FACHA
Gina Livingston-Smith, IIDA, EDAC, LEED AP
Helen Lanes, CHID, IIDA, LEED AP
Herminia Machry, Ph.D., EDAC, Assoc. AIA
John Kouletsis, AIA, EDAC
Kara Freihoefer, Ph.D., EDAC
Kati Peditto, Ph.D., EDAC, WELL AP
Kristin Ellingsen, CHID, NCIDQ, EDAC
Kristine K.S. White, RN, BSN, MBA
Lilliana Alvarado, CHID, EDAC, IIDA, NCIDQ, LEED AP
Megan McNally, CHID, CID, IIDA, EDAC, NCIDQ
Migette Kaup, Ph.D., M. Arch
Mike McKay, AIA, ACHE, EDAC, LEED AP, NCARB
Pamela Jones, RN, MSN, MS, FACHE, EDAC
Terri Zborowsky, Ph.D., EDAC
Xiaobo Quan, Ph.D., M.Arch

5. Application Resubmission

If an application does not receive an award, the applicant has up to 12 months from the original submission date to provide additional responses to the questions and can resubmit the application for the following year's award.

6. Award Announcements

Projects/products that are awarded a Touchstone Award will be recognized at the annual PDC Summit.

7. Timeline

2025 Timeline

May 13, 2024

Application Opens

August 9, 2024

Application Deadline: Submissions received by this date will be vetted by The Center.

September 9, 2024

Applications forwarded to jury for review.

October 25, 2024

Jurors complete their review for all applications.

November 8, 2024

The Center completes the aggregation of jury scores and makes the final award determination.

November 22, 2024

Applicants are informed of the final results.

March 9-12, 2025

Recipients will be celebrated at the 2025 International Summit & Exhibition on Health Facility Planning, Design & Construction | PDC Summit.

8. Frequently Asked Questions

What is the cost to submit an application for the award?

\$1,199.00 USD

Can I submit multiple projects for one submission application payment?

No, each project submitted requires its own submission application payment.

When is the upcoming deadline for submission?

August 9, 2024

Can I save the application submission and come back to make modifications?

Yes, you can save the application submission and make modifications later. It is recommended that you prepare your answers in advance of starting the application.

Is there a limit to how far back a project was built to submit for an award?

No, as long as a project was built using the evidence-based design process we welcome its submission.

We want to submit a project for either the Silver or the Gold award. Can we resubmit again in the future to obtain the Platinum award?

Yes, we encourage you to submit the same project in future years to demonstrate the highest Award achievement.

Who gets the crystal award?

The Touchstone crystal award is given to the project. We will ask a representative from the project team that submits the application to accept this award. Additional awards are available for purchase.

9. Glossary of Terms

Business Case

To make an informed decision, the business case evaluates facilities costs (first, multi-year, lifecycle), business costs and revenue (operational improvements and cost savings, endowments, market share changes), and payback period.

Credibility (of Evidence)

The believable and convincing study of a subject or topic to discover new information and understanding through reliable and valid sources.

Critical Evaluation

In order to critically evaluate the evidence, the following information should be considered:

- Date: What is the publication date of the piece of evidence being evaluated? Is the timing relevant to the project?
- Location: Where was the study conducted? Does the location of the study affect the application of outcomes to the project at hand?
- Scope of work: Are the methodologies and findings sound? Was the method performed appropriately for the hypothesis of the work?
- Source: Where is the evidence coming from? Is the author or publisher a reliable source? Has he or she been cited elsewhere? Has the work been peer-reviewed? If the information is from a publishing house, is it still in business? Does the publishing house have a reliable reputation? Is contact information readily available and verifiable?
- Internet address: What is the origin of the site? Are the domain names and country codes recognizable?

Design Concepts

Design concepts are developed after the team has developed design guidelines. Design concepts should be suited to the project/product's needs and be distilled from the relevant evidence.

Development (of team members and stakeholders)

Development is learning through a variety of formats including formal coursework, design sessions or meetings, training, conferences, and informal learning opportunities situated in practice. Development has been described as an intensive and collaborative form of education.

Engagement

It is important to be clear about who is engaged, when they are engaged, and what they are doing for how long throughout the lifecycle of the project.

Evidence-Based Design

The process of basing decisions about the built environment on credible research to achieve the best possible outcomes.

Evidence-Based Design Process Steps

1. Define evidence-based goals and objectives
2. Find sources for relevant evidence
3. Critically interpret relevant evidence

4. Create and innovate evidence-based design concepts
5. Develop a hypothesis
6. Collect baseline performance measures
7. Monitor implementation of design and construction
8. Measure post-occupancy performance results

Generalizability

Also referred to as external validity and is the degree to which conclusions in the study would hold for other persons in other places and at other times.

Hypothesis

An assumption made in order to draw out and test its logical or empirical conclusions.

Interdisciplinary Project Team

A group of experts from multiple disciplines both within and outside of the organization. This core group will envision, champion, organize, create, innovate, manage, monitor, and implement the EBD process for the project.

Literature Review

A comprehensive survey of available information related to a particular line of research.

Metrics

Types of data collected. This data may already exist (these are measurements routinely collected for quality control purposes, including healthcare-associated infection rates, patient/resident and staff satisfaction, patient length of stay, etc.), it may be new (measurements not routinely collected), it may include environmental measurements, and/or be qualitative data.

Outcomes

Evidence-based design links design to outcomes. Outcomes can be a result of changes made from design interventions. Examples of healthcare outcomes include mortality, morbidity, infection rates, patient and caregiver satisfaction, improved quality of care, and financial outcomes such as cost-effectiveness.

Peer-Reviewed Publication

A scholarly periodical that requires each article submitted for publication be reviewed by an independent panel of experts.

Relevance

The relevance of evidence to a project/product is based on a variety of factors, including the research date, location, scope of work, and source. (See *critical evaluation* above.)

Research Plan

A plan which outlines all the details of a study. This plan will outline the research topic(s), the hypotheses, methodology and research design, metrics, data collection and analysis, budget, and timeline. The plan systematically organizes thoughts and ideas and outlines activities before time, money, and efforts are invested.

Research Question

Developing a research question is an important step prior to searching for relevant evidence. A good research focus will make finding information easier and help the team to understand and organize the information.

Return on Investment (ROI)

The return ratio compares the net benefit of a project/product versus its total cost.

Stakeholders

People who have a vested interest in the success or failure of the project/product. The success of the EBD process is to get their buy-in and input throughout the process to ensure that their needs and perspectives are considered.

Validity

The extent to which a measurement tool measures what it is supposed to measure.

10. References

The Center for Health Design (2015). *An introduction to evidence-based design: Exploring healthcare and design* (3rd ed.). Concord, CA: The Center for Health Design.

The Center for Health Design (2018). *Building the evidence base: Understanding research in healthcare design* (4th ed.). Concord, CA: The Center for Health Design.

The Center for Health Design (2014). *Integrating evidence-based design: Practicing the healthcare design process* (3rd ed.). Concord, CA: The Center for Health Design.