



edra

Environmental Design Research Association

**2016**  
ANNUAL REPORT

# MISSION STATEMENT

EDRA came into being during a period of social awareness and social unrest. Consequently, our focus, the social aspects of the environment, was clearly a product of the times. The 1960's were a period of new horizons and new visions. Although we believed in something that was not perceptible at the time, we had no illusions.

## OUR MISSION

EDRA's purpose is to advance and disseminate research, teaching, and practice toward improving an understanding of the relationships among people, their built environments, and natural eco-systems.

The mission of EDRA is to provide a collaborative, multidisciplinary community to connect theory, research, teaching, and practice to recognize, create and advocate for environments that are responsive to diverse human needs. EDRA is committed to equity, inclusion, and respect for all persons.

# EDRA STRATEGIC GOALS 2016-2017

1. To showcase Leadership in Environmental Design Research
2. To provide access to EB research design research
3. To become a Leading Forum for collaboration among researchers, designers and practitioners
4. To become increasingly inclusive and diverse, multi- and interdisciplinary, international/global, and culturally inclusive in order to reflect the broader spectrum of environment and behavior research and practice
5. To become financially stable – prioritize strategic fundraising and sponsorship to stabilize and grow EDRA

# edra

Environmental Design Research Association

## OUR VISION

EDRA bridges theory, research, teaching, and practice to:

- Recognize and create more humane environments in collaboration with global stakeholders/communities
- Promote cutting-edge research and practice that is essential to improve quality of life for all people
- Transcend disciplinary boundaries and industry sectors in collaborative pursuit of environments that are responsive to diverse human needs
- Advocate for diverse voices in the pursuit of social justice



# MEMBERSHIP

## 403 Members

Active Members



EDRA membership throughout the year of 2016 hovered between 389 and 471 members, ending the year with 403 members. EDRA membership ebbs and flows in conjunction with the EDRA annual conference, with more members joining or renewing in time to attend the conference and/or apply for awards programs. The fluidity of EDRA membership can also be attributed to the rolling membership structure, with each member holding their own join and expire date.

### EDRA Placemakers

- Gowri Betrabet Gulwadi
- Peter Hourihan
- Lynn Paxson

### EDRA Wayfinders

- Sherry Ahrentzen
- Cherif Amor
- Kathryn Anthony
- David Boeck
- Robin Moore
- Thierry Rosenheck
- Dan Stokols

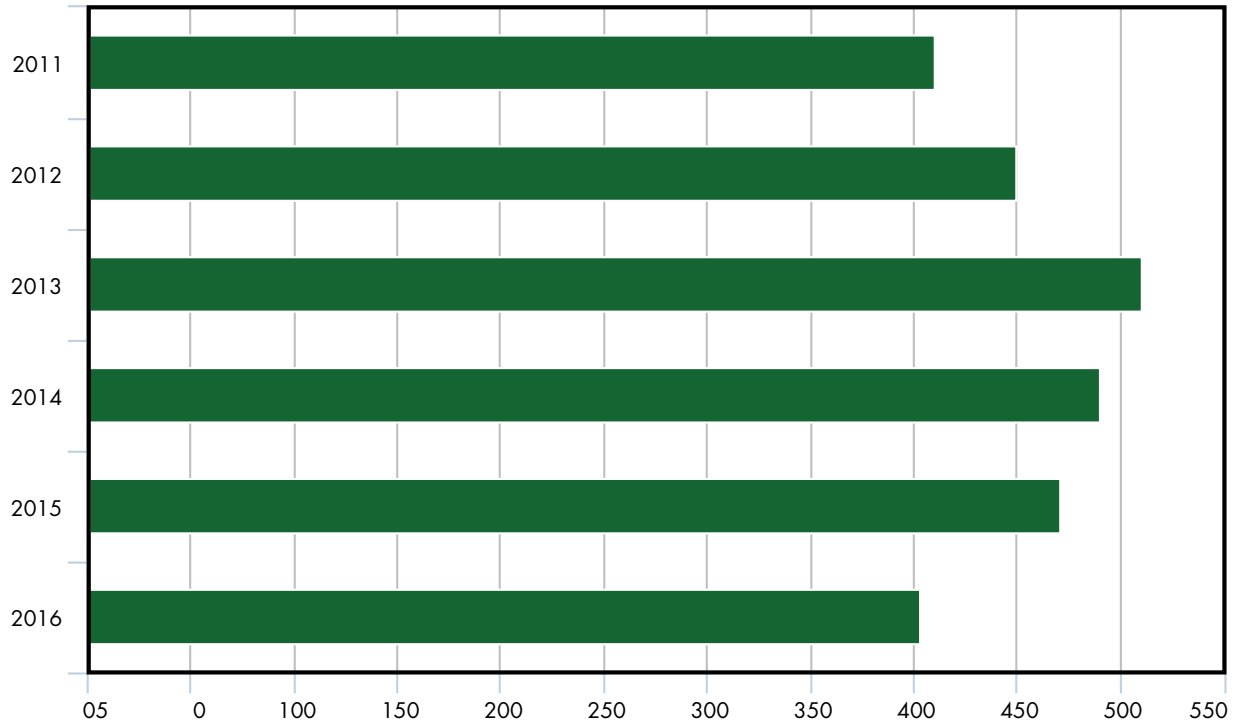
STUDENTS & YOUNG  
PROFESSIONALS



NON-PROFITS & ORGANIZATIONAL  
MEMBERS



## Membership Growth



## Organizational Members

- Andrews University
- BBH Design
- HGA
- Kuwait University
- Pennsylvania State University
- Rutgers University
- Rutgers Center for Green Building
- Stony Brook University
- Texas Tech University - College of Architecture
- UB School of Architecture and Planning
- UNL College of Architecture
- Universite de Montreal - Service des acquisitions - Per University of Colorado Boulder Program in Environmental Design
- University of Idaho- College of Art & Architecture
- University of Manitoba
- Urban Communication Foundation

ACADEMIC, PRACTICE AND  
RESEARCH PROFESSIONALS

56%



20 Countries

# ANNUAL CONFERENCE

The banner features a yellow and maroon color scheme. The text 'INNOVATION::' is in white on a maroon background, with a dashed arrow pointing up through the second 'O'. Below it, 'SHIFTING GROUND' is written in large, bold, black letters with a dashed arrow pointing down through the 'I'. The 'edra47' logo is in the top right. At the bottom left, it says 'May 18-21, 2016 Raleigh Convention Center, Raleigh, North Carolina'. At the bottom right, it says 'hosted by NC STATE College of Design in cooperation with BBH DESIGN'.

EDRA47Raleigh was held May 18-21, 2016 in Raleigh, NC. The theme Innovation::Shifting Ground explored the transition underway in the design industries, boosted by economic forces, emerging societal challenges, and advances in design research. Whether unsettling or affirming, this shift is changing the tectonics

of design research, design delivery, and education in ways that can quickly make current and commonplace approaches outdated. The conference co-chairs Celen Pasalar and Andrew Fox, faculty at NC State College of Design worked hard to make this a successful event.



## KEYNOTE SPEAKER

**John Zeisel, Ph.D**

From Paradigm to Action  
in Environment-Behavior  
Research/Design

## EDRA CONFERENCE

In Raleigh, the 2017 EDRA48 Madison conference was announced with the theme, **Voices of Place: Empower, Engage, Energize** – invites socially motivated design professionals and researchers to come together with a shared belief in creating environments that matter to people and where people matter. EDRA48 takes place at the Monona Terrace® Community & Convention Center in Madison, Wisconsin, May 31-June 3, 2017.



**PLENARY SPEAKER**

Ming Kuo, Ph.D.

The Science of Nature and Health: Discoveries and Design Recommendations from the Frontier



**PLENARY SPEAKER**

Catharine Thompson, Ph.D.FLI, FRSAv

Innovation, Collaboration and Cross-disciplinary Working: Shifting the Ground of Environmental Design Evidence



**PLENARY SPEAKER**

Robin Moore

Evidence-based Design: Driver of Social Investments in Early Childhood Environments



**PLENARY SPEAKER**

Nilda Cosco, Ph.D.

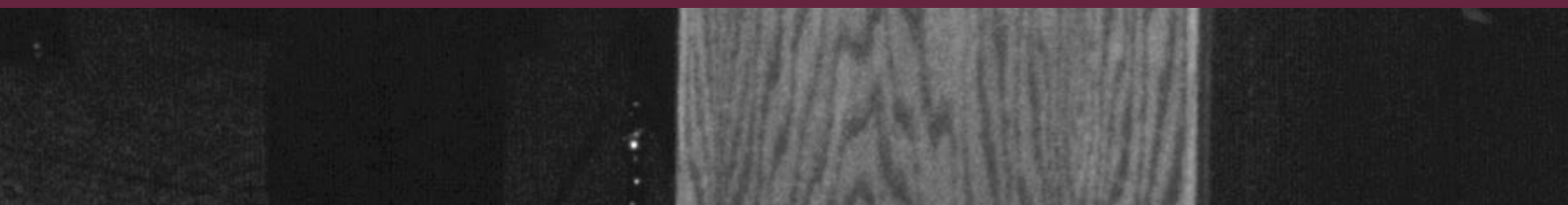
Evidence-based Design: Driver of Social Investments in Early Childhood Environments



**PLENARY SPEAKER**

Jennifer Zuckerman MacDougall

Evidence-based Design: Driver of Social Investments in Early Childhood Environments



# AWARDS

The Environmental Design Research Association (EDRA) is pleased to announce the recipients of the 2016 EDRA Awards. These outstanding individuals were honored during EDRA's 47th annual conference, EDRA47, at the Raleigh Convention Center in Raleigh, North Carolina, May 18-21, 2016. Awards were presented in the following categories: Career Award, Service Award, Michael Brill Grant Award, Best Student Paper, Best Paper, Student Design Award, and Student Research Grant.

## 2016 AWARD RECIPIENTS



### Best Paper Award

Liz Teston  
University of Tennessee,  
Knoxville



### Best Display Poster

YI Zheng and Meg Foster tie  
for 1st place  
University of Manitoba



### Best Student Paper Award

1st Place  
Stephen Mainzer  
Pennsylvania State University

2nd Place  
Marwa Abdelmonem  
Texas Tech University



The 2016 Annual Conference of the Environmental Design Research Association (EDRA) closed on Saturday, May 21 by recognizing outstanding achievement and honoring long-time and distinguished service to the organization.

*Sponsored by the Urban  
Communication Foundation  
and the Environmental  
Design Research Association*



### **Career Award**

Lynn Paxson, PhD

The EDRA Career Award is given in recognition of a career of sustained and significant contributions to environment design research, practice, or teaching.



### **Service Award**

Cherif Amor, PhD

The EDRA Service Award is given in recognition of a specific contribution of service to the field or the organization that advances the field of environmental design research.



### **Michael Brill Award**

Nastaran Tebyanian  
Penn State

The goal of this grant program is to encourage innovative research projects that provide a bridge between the fields of communication and environmental design. This grant supports new research or research in progress.

Named in honor of Michael Brill, architect and long-time EDRA member for his leadership in work place environments and communication.



The Great Places Awards seek to recognize work that combines expertise in design, research and practice; and contributes to the creation of dynamic, humane places that engage our attention and imagination. Award-winning projects reflect an interdisciplinary approach that is enduring, human-centered, sustainable, and concerned with the experiential relationship between people and their environment (built and natural) over time.

## 2017 JURY PANEL

Mark Gillem, University of Oregon/  
Urban Collaborative

Jutta Mason, Centre for Local Research  
into Public Space (CELOS)

Brian Orland, University of Georgia

David Rubin, Land Collective

Randa Tukan, HOK

## THE PROCESS

The winners were selected by an esteemed jury of research and design professionals: Kofi Boone, ASLA, Associate Professor, Department of Landscape Architecture, North Carolina State University; Michael Mehaffy, Executive Director, Sustasis Foundation; Jill Pable, Professor, Department of Interior Architecture and Design, Florida State University; Katherine M. Roden, AIA, LEEP AP, Associate Principal, Centerbrook Architects and Planners; and John Shapiro, Chairperson, Pratt Institute's Graduate Center for Planning and the Environment. The jurors followed a rigorous two-tiered blind review process for evaluating the submissions. The deliberations were overseen by Mallika Bose, EDRA representative and Coordinator of the 2016 Great Places Awards. Kathy Madden, Co-Founder and Director of Education and Training at the Project for Public Spaces served as an observer while Emily Viles (from EDRA Headquarters) provided administrative support.



### Awards

Award recipients were recognized on Wednesday, May 18, during the opening reception of EDRA47Raleigh. To learn more about each of these projects, visit [edra.org/greatplaces](http://edra.org/greatplaces).



### Place Design Award

**Matluba Khan**

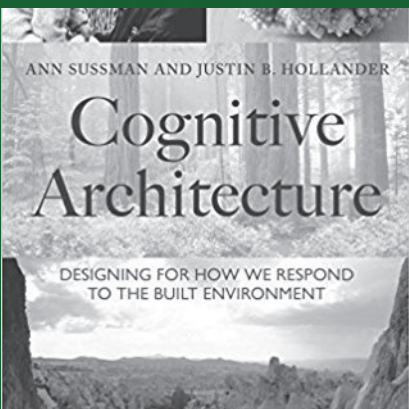
*An Outdoor Learning Environment for Children*



### Place Planning Award

**Jason Roberts**

*Akron Better Block*



### Place Research Award

Authored by **Sussman, A.**, and **Hollander, J.**, and Published by Routledge  
*Cognitive Architecture: Designing for How We Respond to the Built Environment*



### Place Book Award

Authored by **Winterbottom, D.**, **Wagenfeld, A.**, (2015) and Published by Timber Press, Inc.



# edra core

*improving environments through research excellence*

EDRA's Certificate of Research Excellence (CORE) is devoted to recognizing and celebrating exceptional environmental design research as applied to design projects. Under this program, CORE certificates are issued to rigorous and impactful practice-based design research that sparks innovation and promotes best practice in environmental design.

## **Child Friendly Street**

Ankara University Coordination of Child Science Center, Ankara Turkey; Ece Ozbal, Neriman Aral, Aydin Özedmir, Figen Gürsoy, Mudriye Yildiz Bicakci

**Designing For the Future: A Post-Occupancy Evaluation of the Peter Jones Learning Centre**  
Simon Fraser University, Abbotsford, British Columbia; Jacqueline P. Ashby, Jacqueline Pizzuti Ashby

## **[D]Lab: A Collaborative Learning Space Promoting Creativity And Learning**

Colorado State University Interior Design Program, Fort Collins, Colorado; Katharine E. Leigh, Kenneth R. Tremblay Jr., Laura H. Malinin, Amy Mattingly Huber, Derrell Jackson

## **Does Privacy Trump Visibility? Examining an Iconic Hospital's Radial Nursing Unit**

Gresham, Smith and Partners, Tampa, Florida; Sheila J. Bosch, Beth Hiltonen, Elisa Worden, LeLayna France, Michael Apple, Yi Lu, Doug Bazuin, Upali Nanda

## **Field Research and Parametric Analysis in a Med-Surg Unit**

Center for Advanced Design Research and Evaluation, Houston Texas; Upali Nanda, Sipra Pati, Adeleh Nejati

## **Impact of Visual Art on Patient Behavior in the Emergency Department Waiting Room**

HKS (American Art Resources at the time of study), Houston, Texas; Robyn Bajema, Upali Nanda, Cheryl Chenaud, Michael Nelson, Xi Zhu

## **RIPL Project One : Post-Occupancy Built and Technology Design Evaluation**

Faculty of Art, Design + Architecture, Monash University, Melbourne; Kate Tregloan, Libby Callaway, Andrew Dyer, Clarissa Martin, Gulsun Ali

## **Saint Mary's School, Sarah Graham Kenan Library Environmental Behavior Study, Renovation, and Post-Occupancy Study**

Interior Architecture & Design, PLLC (IDeA), Raleigh, North Carolina; Dawn A. Gum, Nicholas Watkins, Kimberly Johnston, Julie Zook, Maggie Dillon

## **Working Without Borders: Flexible Workplace in an International Peacekeeping Organization**

PLASTARC, New York, NY; Melissa Marsh, Ingrid Erickson, Cassie Hackel, Scott Leinweber

## **CORE Award of Merit**

## **Effects of Simulated Nature View on Cognitive and Psycho-physiological Responses of Correctional Officers in a Jail Intake Area**

HDR Inc., Phoenix, Arizona; Melissa Farling, Jay Farbstein, Richard Wener, Julian Thayer

## **Reviewers**

Sherry Ahrentzen

Meredith A Banasiak

Gowri Betrabet Gulwadi

Sheila Cahnman

Hui Cai

Maggie Calkins

Susan Chung

Fiona de Vos

Hessam Ghamari

Anjali Joseph

Shireen Kanakri

Migette Kaup

Shiriki Kumanyika

Lori McGilberry

Diana Nicholas

Michelle Ossmann

Giyong Park

Melissa Piatkowski

Suzanne Schectman

Nancy Wells

# COMMUNICATIONS

## SOCIAL MEDIA

EDRA's social media is integral to fostering identity, dialogue and discourse among and between the ever-enlarging EDRA network and community. Features like the EDRA-ite of the month profile, 12 of which were published in 2016, feature the unique contributions and activities of EDRA members. Additionally, new and on-going weekly and monthly posts on Facebook and Twitter helped to engage potential and existing members in EDRA programs year-round. These posts included relevant news articles, member photos and memories, and information about programs, conference deadlines, new publications, and resources available through the website. EDRA will continue to explore ways of using social media to keep people connected to each other and to topics of interest



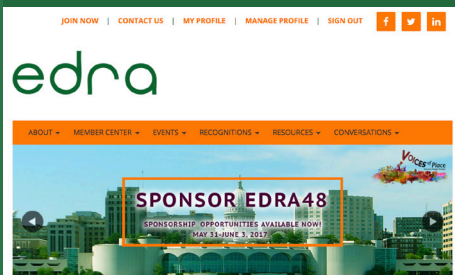
## Environment by Design Newsletter

Twenty-six issues of EDRA's electronic bi-weekly newsletter, Environment by Design, were produced and distributed in 2016, connecting readers to member news and articles concerning environmental design and research.



## EDRA Connections

Launched in 2013, EDRA Connections (EC) is produced and released twice annually and offers in-depth articles written by EDRA members exploring research, teaching, service/outreach/engagement, and practice and policy. Tasoulla Hadjiyanni, PhD served as editor of the peer-reviewed EC publication from 2013 through the end of 2015 when the editorship passed to Nisha Fernando, PhD. Find all EC issues under "resources" > "publications" at edra.org.



## www.edra.org

EDRA's website is the main avenue for member communication. In 2016 EDRA began undertaking a review and evaluation of the current website and identified strategic directions for developing and implementing revisions and upgrades. For this process, EDRA members Seunghae Lee and Sarah Shuster-Tucker volunteered time and expertise to work with the website subcommittee to move website redevelopment forward and was completed in 2016.



3,230

Facebook Likes



1,590

Twitter Followers



3,955

LinkedIn Group



## Like us!

Engage in conversations, read the latest articles, and see what events are happening in the industry by liking us on Facebook.

## Follow us!

Stay up to date with the latest news by following us on Twitter.

## Grow with us!

Learn interesting facts about an organization's employees, such as who you know, its competitors, top skills and expertise that the company seeks, and its most recommended employees so that you can reach out to these leaders or learn what type of employees excel at the company.

# LEADERSHIP

## Board of Directors



Lynne C. Manzo, Chair



Sue Weidemann, Emeritus Member



Jeremy Wells, Chair-Elect



David L. Boeck



Nisha Fernando, Secretary



Emily Chmielewski



Jennifer Senick, Treasurer



Vibhavari Jani



Shauna Mallory-Hill, Past Chair



Deni Ruggeri



Karen Kim, Student Representative

## COMMITTEES



### Communications

Nisha Fernando, Chair  
Karen Kim  
Nana Kirk  
Daniel Mittleman  
Deni Ruggeri



### Development

David L. Boeck, Chair  
Gary Gumpert  
Lynne C. Manzo  
Sue Weidemann



### EDRA48 Conference Committee

Jeremy Wells, Chair  
Samuel Dennis, Co-Chair  
Majumdar (Mimi) Narayan, Co-Chair  
Jung-hye Shin, Co-Chair  
David L. Boeck

## Knowledge Network Chairs

### Active Living by Design

Jessica Cook and David L. Boeck

### Building Process Alliance

Susan Ingham

### Children, Youth, and Environment

Janet Loebach and Kate Bishop

### Cities and Globalization

Shireen Kanakri

### Communication

Sheila Gobes-Ryan and Susan Drucker

### Cultural Aspects of Design

Sanjoy Mazumdar and Nisha Fernando

### Cyberspace and Digital Environments

Danny Mittleman and Paul Platosh

### Environment-Gerontology

Emily Roberts

### Environmental and Architectural Phenomenology

David Seamon

### Environmental Design Research Education

Eleftheris Pavlides and Rula Awwad-Rafferty

### Historic Environments

Jeremy Wells and April Allen

### International Housing Research

Eunju Hwang and Fang Xu

### Interior Design

Cherif Amor

### International Connections

Orcun Kepez

### Movement in Designed Environments

Ipek Kaynar Rohloff and Julie Zook

### Nature and Ecology

Susana Alves and J. Aaron Hipp

### Participation

Lynn Paxson

### POE/ Programming

Joon-Ho Choi, Lubomir Popov, and Keith Jundanian

### Residential Environments

Keith Miller and Ali Momen-Heravi

### Student Affairs

Karen Kim

### Sustainable Planning and Design

Rich Wener and Jennifer Senick

### Work Environments

Sally Augustin, Sheila Gobes-Ryan and Cynthia Milota

## Headquarters Team

Kris Haskin, Executive Director

Rhonda Grizzard, Meeting Planner

Mohammad Gulam, Communications Specialist



### Governance

Shauna Mallory-Hill, Chair

Jennifer Senick

Lynne C. Manzo

Jeremy Wells

### Finance

Jennifer Senick, Chair

Shauna Mallory-Hill

Lynne C. Manzo

Jeremy Wells



### Membership & Partners

Deni Ruggeri, Chair

Gowri Betrabet Gulwadi

Vibhavari Jani

Lynne Manzo

Sue Weidemann



### Recognition

CORE Program – Emily Chmielewski

EDRA Awards – Rula Awwad-Rafferty

Great Places – Mallika Bose

Michael Brill – Sue Weidemann

## Organizational Members

- Andrews University
- BBH Design
- HKS Inc
- Kansas State University
- Kuwait University
- Rutgers Center for Green Building
- The Pennsylvania State University
- Texas Tech University - College of Architecture
- Universite de Montreal
- University of Colorado Boulder Program in Environmental Design
- University of Idaho - College of Art & Architecture
- University of Manitoba
- Urban Communication Foundation

## FUNDING

EDRA's activities are funded through the annual conference net income, professional and student membership dues, Placemaker and Wayfinder memberships, institutional and organizational memberships, donations, awards entry fees (e.g. Great Places submission entry), and CORE application fees. We thank all contributors and give special acknowledgement to those listed on this page of our annual report.

EDRA thanks our sponsors, donors and sustaining members for their ongoing investment in our programs, initiatives and mission.

## EDRA Placemakers

- Gowri Betrabet Gulwadi
- Keith Diaz Moore
- Peter Hourihan
- Susan Mazer
- Lynn Paxson

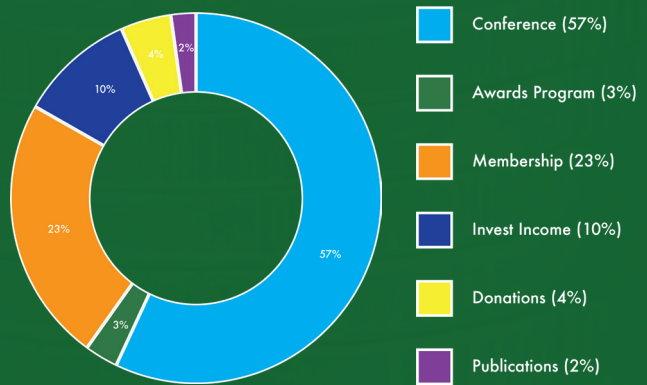
## EDRA Wayfinders

- Sherry Ahrentzen
- Cherif Amor
- David Boeck
- Paula Horrigan
- Robin Moore
- Katherine Morris
- Thierry Rosenheck
- April Spivack
- Dan Stokols
- Rich Elliot Wener

EDRA Association would like to thank those companies supporting our mission nationally as of January 31, 2017.

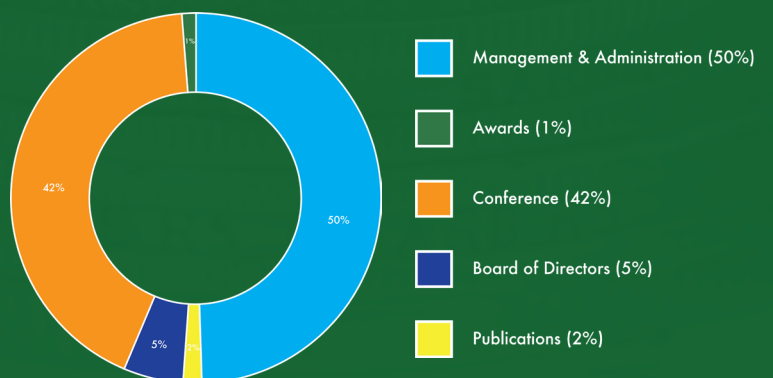
Join the EDRA Association in our mission to advance and disseminate research, teaching, and practice toward improving an understanding of the relationships among people, their built environments, and natural eco-systems.

## REVENUE



**\$233,207**

## EXPENSE



**\$256,050**



## EDRA FINANCIALS

Statement of Financial Activities  
Years ended December 31, 2015 and 2016

	2016	2015
Revenue		
Membership Dues	54,575	57,478
Annual Conference	133,286	179,856
Great Places Award Entry Fee	5,978	8,950
Publications	4,936	9,714
Contributions	11,670	9,294
Investment Income	22,762	2,351
Miscellaneous	-	451
Total Revenue	233,207	268,094
Expenses		
Professional Fees	4,000	7,279
Office	2,213	2,249
Printing and postage	1,810	8,236
Management fees	102,425	103,883
Graphic Design Services	4,181	10,341
Information Technology	8,557	14,427
Audio Visual	18,546	37,743
Conference & Meetings	53,140	21,650
Grants and Awards	3,132	6,733
Travel and Lodging	14,683	14,526
Food and beverage	33,728	58,276
Insurance	833	944
Unrelated business income taxes	-	263
Credit card and bank fees	6,893	8,579
Miscellaneous	1,910	2,127
Total Expenses	256,050	297,256
<b>Net Income</b>	<b>(22,843)</b>	<b>(29,162)</b>



## GET IN TOUCH

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[headquarters@edra.org](mailto:headquarters@edra.org)