Mission
The Environmental Design Research Association (EDRA) is an international, interdisciplinary organization whose purpose is to advance and disseminate environmental design research toward improving understanding of the interrelationships between people, their built and natural surroundings. EDRA’s goal is to facilitate the creation of environments that are responsive to human needs.

Purpose
advance the field of environmental design research in both its scientific and applied forms

encourage the highest quality of research related to improving environmental design methods and techniques

increase understanding of the social and behavioral aspects of relationships between people and environments

stimulate and support communication among individuals and groups involved in environmental design research through sponsorship of conferences, publication of conference proceedings, a website, and other publications.
New partners were welcomed as the Project for Public Spaces (PPS) began collaborating with EDRA on administering the yearly Great Places Awards!

Students engaged and were more visible than ever! They volunteered, applied for grants, attended workshops, submitted abstracts, presented at EDRA46, and garnered design and research awards.

Members united in voicing opposition to the National Architectural Accrediting Board’s (NAAB) proposed revisions and argued to increase, rather than decrease, knowledge related to people-environment relationships.

Communication & resources flowed keeping members connected with research, design trends and opportunities to participate and act. 46 years of EDRA Proceedings got posted to our website!

Management transitioned as we said goodbye to Coulter in McLean, VA and welcomed AMPED as EDRA’s new association management company and Madison, WI as our new headquarters and home base!

2016 priorities were set at EDRA’s Fall Board Retreat. #1: develop and engage our membership, #2: strengthen our organizational structure and capacity and #3: prioritize our programs and projects with member input.

We grew and diversified EDRA’s community to include 3,500 LinkedIn members, 600 Facebook and 1,500 Twitter followers!

Edra46 convened and for the 46th year we networked, dialogued and shared environmental design and research knowledge through papers, poster sessions, workshops, and symposia.

Core launched and recognized the first group of CORE certified projects. Three years of incubation and development successfully made for this momentous turning point.

Communication & resources flowed keeping members connected with research, design trends and opportunities to participate and act. 46 years of EDRA Proceedings got posted to our website!
edra at a glance 2015

**Membership**
- 473 edra members
- 22 countries
- 54% professionals academia & practice
- 38% students
- 8% orgs+ non-profits

**Edra46**
- 700 submissions
- 300 acceptances
- 150 reviewers
- 122 abstracts
- 17 papers published
- 600 authors
- 458 attendees

**Network**
- 22 knowledge networks
- 600 Facebook friends
- 1,500 twitter followers
- 3,500 LinkedIn
EDRA membership throughout the year of 2015 hovered between 471 and 571 members, ending the year with 473 members. The 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.
EDRA46 was held May 27-30 in Los Angeles, California. The theme: BrainSTORM: Dynamic Interactions of Environment-Behavior and Neuroscience offered a special thematic track on neuroscience emphasizing the relationships between environment and behavior. Co-conference organizers, Greg Barker and Nisha Fernando delivered a stimulating program with 458 attendees from 22 countries. Along with 600+ authors, the conference proceedings featured 122 published abstracts and 17 selected full papers. Attendees brainstormed diversity, happiness, information, and resilience in a special EDRA46 session, Be-Cause: Brainstorming Directions for Change, organized by EDRA’s Knowledge Networks.

In Los Angeles, the upcoming 2016 EDRA47 Raleigh conference was announced with the theme, Innovation::Shifting Ground. Conference co-chairs are landscape architecture faculty Celen Pasalar and Andrew Fox from the North Carolina State College of Design, which is hosting the conference co-sponsored by BBH Design. EDRA47 takes place at the Raleigh Convention Center in Raleigh, North Carolina, May 18-21, 2016.

"Networking was really good. A variety of people with different expertise were in one place and the atmosphere was warm and welcoming.”
— EDRA46 attendee
“I seriously learned so much about the psychology in design. It was fascinating. The only challenge was in deciding which sessions to attend — as I wanted to see everything!”

— EDRA46 attendee
EDRA Career Award was awarded to Craig Zimring, professor of architecture and psychology, Georgia Institute of Technology and director of the SimTigrate Design Lab. Zimring is among the first researchers to write about evidence-based design. His publications have helped define evidence-based design and contributed to making it a widely accepted practice.

EDRA Service Award was awarded to Atiya Mahmood, a long-time EDRA member and supporter who served on EDRA’s board of directors and spearheaded the initiative to revamp the structure and organization of maintaining EDRA’s membership database. Mahmood is an associate professor of gerontology at Simon Fraser University, located in Vancouver, British Columbia.

EDRA Best Paper Award was awarded to Emily Carlson, MLA; and Mallika Bose, associate professor in the Department of Landscape Architecture at Pennsylvania State University, for their paper, *Wayfinding Design as a Tool for Community Empowerment and Storytelling: a Case Study from Central Appalachia.*

EDRA STUDENT AWARDS

EDRA has long honored student research and design achievements with specific awards intended to promote and reward excellent work. Marwa Abdelmonem, student representative to the EDRA board of directors, presented the 2015 EDRA student awards as part of the EDRA46 annual conference, May 27-30, 2015.

Best Student Paper Awards
Gourab Kar and Abir Mullick, 1st Place
William J. Whitfeld, 2nd Place

Best Student Design Awards
Olivia Asuncion, 1st Place
Abhinandan Bera, et al. 2nd Place
GREAT PLACES AWARDS

In 2015, EDRA was proud to embark on a new collaboration with the Project for Public Spaces (PPS) to deliver, as well as expand and develop, the Great Places Awards program. Great Places considers places in their entirety — as dynamic and inclusive lived environments that engage our attention and imagination. It recognizes interdisciplinarity and the combining of expertise in design, research and practice. In its 17th year, the Great Places Awards received 46 submissions and selected six awards through a juried process covering four categories: Place Design, Place Planning, Place Research and Book Award.

PLACE DESIGN AWARD
- Roosevelt Plaza Pop-Up Park, Group Melvin Design, Sikora Wells Appel, City of Camden, Cooper’s Ferry Partnership
- Upper Lawrenceville Community Visioning Targeted Development Strategy, evolveEA
- Daniels Spectrum - Regent Park, Toronto, Diamond Schmitt Architects

PLACE RESEARCH AWARD
- Race & the Control of Public Parks, buildingcommunityWORKSHOP, Dallas, Texas

PLACE PLANNING AWARD
- Fayetteville 2030: Food City Scenario, University of Arkansas Community Design Center, Fayetteville, Arkansas

PLACE BOOK AWARD

2015 Great Places Awardees were recognized at the EDRA46 Los Angeles opening reception on May 26, 2015.

Fayetteville 2030: Food City Scenario

How might Fayetteville’s projected growth be harnessed to sustain its food budget through a local urban agriculture network?
MICHAEL BRILL AWARD IN URBAN COMMUNICATION & ENVIRONMENTAL DESIGN
Named in honor of Michael Brill, this grant by the Urban Communication Foundation and administered in conjunction with the Environmental Design Research Association, encourages innovative research projects that provide a bridge between the fields of communication and environmental design. The 2015 Michael Brill Award was given to Seunghae Lee and Paul Platosh of Oregon State University for their work, *Wayfinding and Augmented Reality*.

EDRA STUDENT RESEARCH AWARD
Student generated research is integral to EDRA’s mission of advancing and disseminating environmental design research. EDRA’s student grants support and foster the next generation of environmental design educators, researchers and practitioners. In 2015, a jury of six EDRA scholars convened to select a recipient for the second EDRA Student Research Grant, which includes a $2,000 award and a complimentary annual conference registration. The 2015 awardee was Molly Ranahan.

STUDENT TRAVEL AWARDS
EDRA annually supports student travel and participation in EDRA’s annual conference. In 2015, EDRA supported 27 students travelling to and presenting at EDRA46 Los Angeles.

2015 GRADUATE STUDENT WORKSHOP
EDRA’s 5th annual full-day Graduate Student Workshop was held May 27, 2015 in Los Angeles in concert with EDRA46. Ten students presented their work and engaged in discussions with seasoned EDRA scholars including Cherif Amor, Sheila Bosch, Julie Lawless, Julia Robinson, Brian Schermer, and Sue Weidemann who provided feedback and mentorship. The event was organized by Marwa Abdelmonem, EDRA’s student representative to EDRA’s board of directors.
EDRA's second annual Fall Symposium, “Three Sides of the Triangle,” was planned for early October 2015 in partnership with BBH Design and North Carolina State University. Though much activity was spent and much invested into planning the event, due to under-enrollment and careful consideration of co-sponsors, the event was cancelled. EDRA’s biennial Translational Research Symposium focuses on a relevant topic being impacted by contemporary advances in design research and contributing to changes in policy and design. As a fall event, it also broadens the opportunity, beyond EDRA’s annual conference, for member participation in environmental design research and educational convenings. The inaugural symposium, The “Landscape of Accountable Care,” was held by EDRA in partnership with the New York School of Interior Design in New York City on October 11, 2013.

2015 CORE Certified Projects

- Child Friendly Street
- Designing For the Future: A Post-Occupancy Evaluation of the Peter Jones Learning Centre
- [d]lab: A collaborative learning space promoting creativity and learning
- Does Privacy Trump Visibility? Examining an Iconic Hospital’s Radial Nursing Unit
- Field Research and Parametric Analysis in a Med-Surg Unit
- Impact of Visual Art on Patient Behavior in the Emergency Department Waiting Room
- RIPL Project One: Post-Occupancy Built and Technology Design Evaluation
- Saint Mary’s School, Sarah Graham Kenan Library Environmental Behavior Study, Renovation, and Post-Occupancy Study
- Working Without Borders: Flexible Workplace at the United Nations

CORE Award of Merit

- Effects of Simulated Nature View on Cognitive and Psychophysiological Responses of Correctional Officers in a Jail Intake Area
Environment by Design Newsletter
Twenty-six issues of EDRA’s electronic bi-weekly newsletter, Environment by Design, were produced and distributed in 2015, 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 2015 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 and will continue to work with the website subcommittee to move website redevelopment forward in 2016.

Proceedings
In 2008, Nana Kirk, EDRA member and volunteer, began finding, digitizing, and publishing to the web the entire oeuvre of EDRA Proceedings dating from EDRA1. Nana’s completion of this task in late 2015 now enables member access to all EDRA Proceedings as well as back issues of DRN and E&B journal. Find pdfs under “resources” at edra.org.

EDRA 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 2015, 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.
**BOARD OF DIRECTORS**

**Current**
- Gowri Betrabet Gulwadi (Chair)
- Lynne Manzo (Chair-Elect)
- Lubomir Popov (Treasurer August to October 2015)
- Shauna Mallory-Hill (Treasurer)
- Paula Horrigan (Secretary)
- Jennifer Senick
- Robert Marans - Emeritus
- Molly Ranahan
- David Boeck
- Emily Chmielewski
- Nisha Fernando
- Rula Awwad-Rafferty (ex-officio)

**Outgoing**
- Mallika Bose
- Marwa Abdelmonem
- Nick Watkins
- Lynda Schneekloth - Emeritus

**COMMITTEES**

**Program**
- Lynne Manzo (Chair)
- Jennifer Senick
- Emily Chmielewski
- Dave Boeck
- Shauna Mallory-Hill
- Rula Awwad Rafferty
- Molly Ranahan
- Gowri Betrabet Gulwadi
- Bob Marans

**Finance**
- Lubomir Popov (Chair)
- Shauna Mallory-Hill (Chair)
- Lynne Manzo
- Gowri Betrabet Gulwadi
- Marechiel Santos-Lang

**Awards**
- Rula Awwad-Rafferty (Chair)
- Mallika Bose - Great Places
- Molly Ranahan - Student Travel Award
- Rula Awwad-Rafferty - Student Research Grant

**Communications**
- Paula Horrigan (Chair)
- Tasoulla Hadjijanni
- Molly Ranahan
- Nana Kirk
- Danny Mittleman
- Sarah Schuster-Tucker
- Seunghae Lee
- Marwa Abdelmonem
- Karen Kim
- Jeanne Rosen

**Membership**
- Jennifer Senick (Chair)
- Robert Marans
- Hessam Ghemari

**Development**
- David Boeck, Chair
- Jennifer Senick
- Paula Horrigan
- Rula Awwad-Rafferty

**Governance**
- Rula Awwad-Rafferty
- Lubomir Popov
- Shauna Mallory-Hill
- Gowri Betrabet Gulwadi
- Marechiel Santos-Lang

**EDRA46 Los Angeles Conference Committee**
- Nisha Fernando (Co-Chair)
- Greg Barker (Co-Chair)

**EDRA47 Raleigh Conference Committee**
- Andrew Fox (Co-Chair)
- Celen Pasalar (Co-Chair)
- Nick Watkins (Sponsor)
- Maria Papiez (Sponsor)
- David Boeck (Board Liaison, Programs)
- Shauna Mallory-Hill (Board Liaison, Proposals)
- Molly Ranahan (Graduate Students Workshop Chair)
<table>
<thead>
<tr>
<th>KNOWLEDGE NETWORK CHAIRS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Active Living by Design</strong></td>
</tr>
<tr>
<td>Jessica Cook and Dave Boeck</td>
</tr>
<tr>
<td><strong>Building Process Alliance</strong></td>
</tr>
<tr>
<td>Susan Ingham</td>
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<tr>
<td><strong>Children, Youth and Environment</strong></td>
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<tr>
<td>Janet Loebach and Kate Bishop</td>
</tr>
<tr>
<td><strong>Cities and Globalization</strong></td>
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<tr>
<td>Shireen Kanakri</td>
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<tr>
<td><strong>Communication</strong></td>
</tr>
<tr>
<td>Gary Gumpert and Susan Drucker</td>
</tr>
<tr>
<td><strong>Cultural Aspects of Design</strong></td>
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<tr>
<td>Sanjoy Mazumdar and Nisha Fernando</td>
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<tr>
<td><strong>Cyberspace and Digital Environments</strong></td>
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<tr>
<td>Danny Mittleman and Paul Platosh</td>
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<td><strong>Environment-Gerontology</strong></td>
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<tr>
<td>Emily Roberts</td>
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<tr>
<td><strong>Environmental and Architectural Phenomenology</strong></td>
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<tr>
<td>David Seamon</td>
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<tr>
<td><strong>Environmental Design Research Education</strong></td>
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<tr>
<td>Karen Keddy</td>
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<tr>
<td><strong>Historic Environments</strong></td>
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<tr>
<td>Jeremy Wells and April Allen</td>
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<tr>
<td><strong>International Housing Research</strong></td>
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<tr>
<td>Eunju Hwang and Fang Xu</td>
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<tr>
<td><strong>Interior Design</strong></td>
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<tr>
<td>Cherif Amor</td>
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<tr>
<td><strong>International Connections</strong></td>
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<td>Orcun Kepez</td>
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<td><strong>Movement in Designed Environments</strong></td>
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<td>Ipek Kaynar Rohloff and Julie Zook</td>
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<tr>
<td><strong>Nature and Ecology</strong></td>
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<tr>
<td>Susana Alves and Aaron Hipp</td>
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<tr>
<td><strong>Participation</strong></td>
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<tr>
<td>Lynn Paxson</td>
</tr>
<tr>
<td><strong>POE/ Programming</strong></td>
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<tr>
<td>Joon-Ho Choi, Thierry Rosenheck, and Keith Jundanian</td>
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<tr>
<td><strong>Residential Environments</strong></td>
</tr>
<tr>
<td>Lynne Dearborn</td>
</tr>
<tr>
<td><strong>Student Affairs</strong></td>
</tr>
<tr>
<td>April Spivack</td>
</tr>
<tr>
<td><strong>Sustainable Planning and Design</strong></td>
</tr>
<tr>
<td>Rich Wener and Jennifer Senick</td>
</tr>
<tr>
<td><strong>Work Environments</strong></td>
</tr>
<tr>
<td>Sally Augustin</td>
</tr>
</tbody>
</table>

In addition to all these incredible volunteers, we are very grateful to those who continue to join and serve on our various committees and task forces, and volunteer at our conference.
ORGANIZATIONAL MEMBERS
Andrews University
BBH Design
Kansas State University
Penn State University
Rutgers Center for Green Building
Texas Tech University - College of Architecture
Universite de Montreal - Service des acquisitions - Per
Urban Communication Foundation
University of Colorado Boulder Program in Environmental Design
University of Idaho - College of Art & Architecture
University of Manitoba

EDRA46LOSANGELES
CONFERENCE SPONSORS
Urban Communication Foundation
Ball State University
Radford University

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
Thierry Rosenheck
Dan Stokols
Rich Elliot Wener

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.
REVENUE (unrestricted)
Total = $268,094
- Conference & Proceedings (71%)
- Membership (21%)
- Awards Program (3%)
- Donations & Sponsorship (4%)
- Other (1%)

FUNCTIONAL EXPENSES
Total = $297,256
- Programs (75%)
- Management and General (21%)
- Membership Development (4%)

EXPENDITURES
Total = $297,256
- Conference (51%)
- Management and Administration (43%)
- Credit Card and Bank Fees (3%)
- Grants and Awards (2%)
- Other (1%)

For the full independent accountant’s review report prepared by Wegner CPAs, please visit EDRA.org.
# STATEMENT OF FINANCIAL ACTIVITIES

Years ended 31 December 2015 and 2014

## UNRESTRICTED NET ASSETS

<table>
<thead>
<tr>
<th>SUPPORT AND REVENUE</th>
<th>2015</th>
<th>2014</th>
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<tr>
<td>Membership dues</td>
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<td>Annual conference fees</td>
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<td>Great Places award entry fees</td>
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<td>Publications</td>
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<td>Advertising</td>
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<td>Contributions</td>
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<td>Investment return</td>
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<tr>
<td>Miscellaneous</td>
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<td>$495</td>
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<td><strong>Total support and revenue</strong></td>
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<td>$328,845</td>
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## EXPENSES

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<th>2015</th>
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<td>Professional fees</td>
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<td>Management fees</td>
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<td>Conference and meetings</td>
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<td>Insurance</td>
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<td>Amortization</td>
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<td>Miscellaneous</td>
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<td><strong>Total expenses</strong></td>
<td>$297,256</td>
<td>$309,240</td>
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## Change in net assets

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<thead>
<tr>
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<th>2013</th>
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<tbody>
<tr>
<td>Change in net assets</td>
<td>($29,162)</td>
<td>19,605</td>
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## Net assets - beginning of year

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<tr>
<th></th>
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<tbody>
<tr>
<td>Net assets</td>
<td>$294,764</td>
<td>$275,159</td>
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