# Table of Contents

## Invited Presentations

### Keynote Address

**Environment & Policy**  
Ambassador Richard N. Swett, FAIA  

### edra41 Plenary

**Openness and Security: Framing Democracy using Image in Architecture**  
Congresswoman Eleanor Holmes Norton, U.S. Congress (invited)  
Roger Lewis, Architectural Columnist, Washington Post  
Robert Andrukonis, Federal Courthouse Program, US General Services Administration

### edra41 Practitioner Series

- Working with the NSF, NIH, and GSA  
- Designing for the Future  
- Applying Research in Practice  
- Healing Spaces  
- Urban Design: A Self-Generative and Sustainable Approach  
- Urban Design: A Self-Generative and Sustainable Approach – Charrette Session

### edra41 Achievement Award

### edra41 Career Award

### edra41 Service Award

## Refereed Full Papers

- **Accessibility Assessment of Four Hospital Gardens in Texas**  
  by Samira Pasha (Texas A&M University)  
  *First Place edra Student Research Paper Award*  
  
- **The Aging American Dream: The Impacts of the Impending Demographic Shift Upon Housing**  
  by Rebecca Kemper, Louis Clayton, Kyle Miller (Ohio State University)  
  
- **Can Citizen Participation Become Reasonable?**  
  by William Sullivan (University of Illinois Urbana-Champaign)  
  
- **A Context for the House Plan Books of the Architects’ Small House Service Bureau**  
  by Lisa Tucker (Virginia Polytechnic Institute and State University)  
  
- **Demographic Change and Neighborhood Satisfaction: The Case of Little Italy, Cleveland**  
  by Kathryn Terzano (The Ohio State University)
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developing a Visibility Index for Nursing Units</td>
<td>Yi Lu, Craig Zimring (Georgia Institute of Technology)</td>
<td>51</td>
</tr>
<tr>
<td>The Downtown Park: Integrating Open Space, Urban Infill, and Economic Development</td>
<td>Mark Gillem, Lanbin Ren (University of Oregon)</td>
<td>58</td>
</tr>
<tr>
<td>Policy Standards for Children's Furniture in Environmental Design</td>
<td>Youjiin Jurng, Su-Jeong Hwang Shin, Cherif Amor</td>
<td>68</td>
</tr>
<tr>
<td>Regulating “Culture Change” in Long-term Care</td>
<td>Migette Kaup (Kansas State University)</td>
<td>79</td>
</tr>
<tr>
<td>The Study of the Visual Value of Open Space on a University Campus</td>
<td>Keiro Hattori (Meijigakuin University, Japan) and Masatoshi Naka (IBM, Japan)</td>
<td>82</td>
</tr>
<tr>
<td>Sustainable Strategies for Housing the Urban Poor: A Case Study of Lagos, Nigeria</td>
<td>Abimbola Asojo (University of Oklahoma)</td>
<td>90</td>
</tr>
<tr>
<td>Theory of Social Capital and its Applicability to Wildfire Preparedness and Resource Management</td>
<td>Menka Bihari (University of Massachusetts, Amherst)</td>
<td>96</td>
</tr>
<tr>
<td>A Transactional Approach to the Affordance Analysis of Children’s Environments within an Indigenous Context and the Implementation of Appropriate Methods</td>
<td>Angela Suzanne Kreutz (University of Queensland, Australia)</td>
<td>104</td>
</tr>
<tr>
<td>First Place edra Student Research Paper Award</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Universal Design and Retirement Village Environments in Sydney, Australia</td>
<td>Zena O’Connor (University of Sydney, Australia)</td>
<td>116</td>
</tr>
<tr>
<td>The Vicissitude of Courtyards in the Local Housing of Shanghai, China</td>
<td>Fang Xu (University of Illinois at Urbana-Champaign)</td>
<td>123</td>
</tr>
</tbody>
</table>
Thematic Abstracts

Active Living 135
Children & Youth Environments 138
Cultural Aspects of Design 144
Design Education & Curriculum 153
Design Theory 163
Educational Environments 173
Gerontology & Environment 185
Healthcare Environment 201
Movement in the Designed Environment 208
Nature & Ecology 214
Participatory Planning & Design Processes 223
Policy in the Environment 230
Professional Practice 234
Post-Occupancy Evaluation & Programming 243
Research Methods 251
Residential Environments 254
Sustainable Design 261
Urban Design 266
Work Environments 278

Author Index 283

Title Index 287