Eli Blevis is an Associate Professor of Informatics in the Human-Computer Interaction Design (HCI/d) program of the School of Informatics and Computing at Indiana University, Bloomington, where he also directs the HCI/d program. He is also a Visiting Professor at the Hong Kong Polytechnic School of Design. His primary area of research, and the one for which he is best known, is sustainable interaction design. His research also engages visual thinking—especially photographic foundations of HCI, and design theory—especially transdisciplinary design.

kindly see:
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research interests

Design and Human-Computer Interaction (HCI): Sustainable Interaction Design; Visual Thinking and Digital Imagery; Design Theory and Transdisciplinary Design.

education

- Doctor of Philosophy: Computing & Information Sciences, Queen's University at Kingston, Canada M.A. Jenkins, Advisor. Dissertation: A Computational approach to creative reasoning systems (1990)
- Master of Science: Computing & Information Sciences, Queen's University at Kingston, Canada M.A. Jenkins and J.I. Glasgow, Advisors. Thesis: Logic programming in NIAL (1986)
- Bachelor of Music: First Class Honors, Queen's University at Kingston, Canada (1982)

professional experience

- Director, Strategic Design and User Experience Design, UNext, LLC, Deerfield IL. Reported to Vice President Donald Norman (2000 to 2002)
- Consultant on retainer, Director of Advanced Technologies, SECURA Insurance Companies, Appleton WI. Reported to Vice President Scott Huiras (1994 to 2000)
- Consultant, Principal, Eastlake/Eastlake Technologies, LLC, Chicago IL (1994 to 2002)

teaching & research experience

- Associate Professor (with tenure), Human-Computer Interaction Design, School of Informatics, Indiana University at Bloomington, IN (2008 to present).
- Visiting Professor (annual), School of Design, The Hong Kong Polytechnic University (2012 to present).
- Assistant Professor, Human-Computer Interaction Design, School of Informatics, Indiana University at Bloomington, IN (2002 to 2008).
- Adjunct Faculty, Institute of Design, IIT Chicago (2000 to 2002)
- Assistant Professor, Institute of Design, IIT Chicago (1995 to 2000) (Resigned to work at UNext)
- Research Faculty (Software Design/Engineering), The Institute for the Learning Sciences, Northwestern University, Evanston IL (1990 to 1994)
- Research Assistant, Adjunct Instructor, Queen’s University at Kingston, Canada (1985 to 1990)
Selected Publications

Download all of these papers in a single zip file here (38M):
http://eli.informatics.indiana.edu/BlevisSelectedPublications2015-05192015.zip

Stillness and Motion, Meaning and Form Presentation is here (347M, MP4, 12 minutes):
http://eli.informatics.indiana.edu/BlevisPictorialPresentationSMMF.mp4

Selection of Five Publications, Single Authored, by Theme

**Sustainability**


[full paper, double-blind review, 5 reviews, best paper rate = 1%, acceptance rate: 22%, 182/840]


[invited, significant editorial review]

**Visual Thinking**


[pictorial full paper (archival), double-blind review, 4 reviews, acceptance rate: 18%, 10/56]


[periodical feature article and five year collection of photographs, significant editorial oversight]

**Design Theory, Transdisciplinary Design**


[chapter, double-blind review, 2 reviews, 2 review rounds]

Selection of Two Collaborative Publications


[journal paper, double-blind review, 2 review rounds]


[journal paper, double-blind review, 4 reviews, acceptance rate (special issue): 17%, 6/35]
publications: scholarly press book (in progress)


publications: scholarly press book chapters

   [critical review of other works in the same volume, invited, significant editorial review]

   [chapter, double-blind review, 2 reviews, 2 rounds]

   [chapter, single-blind review, 4 reviews]

   [chapter]

publications: journals

   [journal paper, double-blind review, 2 review rounds]

   [journal, double-blind review, 4 reviews, acceptance rate (special issue) : 17%, 6/35]

   [book review, significant editorial review, journal impact factor = 7.26]
   [journal, double-blind review, 2 reviews]

   [journal, single-blind review, 1 review]

   [journal, invited, significant editorial review]

   [journal]

   [journal]

   [journal]

   [journal]

   [journal]

**publications: reviewed conferences**

   [pictorial full paper (archival), double-blind review, 4 reviews, acceptance rate: 18%, 10/56]
   [full paper, double-blind review, 4 reviews, acceptance rate: 26%, 104/402]

   [full paper, single-blind review, 2 reviews. acceptance rate unpublished, likely high]

   [full paper, double-blind review, 2 reviews, acceptance rate unpublished, likely high]

   [full paper, double-blind review, 4 reviews, honorable mention rate = 5%, acceptance rate: 23%, 370/1577]

   [full paper, 2 reviews, acceptance rate unpublished, likely high]

   [full paper, double-blind review, 4 reviews, acceptance rate: 20%, 90/449]

   [full paper, single-blind review, 3 reviews, acceptance rate unpublished, likely high]

   [full paper, double-blind review, 4 reviews, acceptance rate: 28%, 37/134]
   [full paper, single-blind review, 2 reviews, acceptance rate unpublished, likely middle]

   [full paper, single-blind review, 3 reviews, acceptance rate unpublished, likely high]

   [full paper, double-blind review, 5 reviews, acceptance rate: 25%, 277/1130]

   [full paper, single-blind review, 2 reviews, acceptance rate unpublished, likely middle]

   [full paper, double-blind review, 5 reviews, acceptance rate: 22%, 157/714]

   [full paper, double-blind review, 4 reviews, acceptance rate: 49%, 28/57]

   [double-blind review, 5 reviews, best paper rate = 1%, acceptance rate: 22%, 182/840]
[full paper, double-blind review, 4 reviews, acceptance rate unpublished, likely middle]

[full paper, single-blind review, 2 reviews, acceptance rate 46%, 300/650]

[short paper, acceptance rate unpublished, likely middle]

[full paper, plenary, single-blind review, 2 reviews, acceptance rate unpublished, likely middle]

[short paper, double-blind review, 4 reviews, acceptance rate: 23%, 118/508]

[full paper, double-blind review, 2 reviews, acceptance rate unpublished, likely middle]

[full paper, single-blind review, 2 reviews, acceptance rate unpublished, likely middle]

[short paper, double-blind review, acceptance rate: 16%, 93/578]
  [short paper, double-blind review, acceptance rate: 30%, 53/176]

  [paper]

  [paper]

  [paper]

publications: full-length articles in ACM and similar periodicals

  [special issue full length feature paper, Invited with significant editorial review]

  [feature article, significant editorial review]

  [feature article, significant editorial review]

  [feature article, significant editorial review]

  [forum article, significant editorial review]
[feature article, significant editorial review]

[forum article, significant editorial review]

[feature article, significant editorial review]

[forum article, significant editorial review]

[54] Yue Pan, Chit Meng Cheong, and Eli Blevis. 2010. The climate change habitability index. *interactions* 17, 6 (November 2010), 29-33. DOI=10.1145/1865245.1865253
[forum article, significant editorial review]

[forum article, significant editorial review]

[feature article, significant editorial review]

[forum article, significant editorial review]

[forum article, significant editorial review]

[article, special issue]

[feature article, significant editorial review]


publications: creative activity


[64] Eli Blevis. 2015. The Use of Color, Variability, and Imperfection in Design. interactions 22, 2 (March 2015), 80-80. [photograph, with annotations]


[photograph, with annotations]

[photograph, with annotations]

DOI=10.1145/2405716.2405738
[photograph, with annotations]

[photograph, with annotations]

DOI=10.1145/2168931.2168953
[photograph, with annotations]

[photograph, with annotations]

DOI=10.1145/2029976.2029999
[photograph, with annotations]

[photographs, with annotations]

[photograph, with short essay]

publications: archival, reviewed extended abstracts

[extended abstract, single-blind review, panel chairs’ summary, acceptance rate unpublished, likely low]
   [extended abstract, single-blind review, 2 reviews, acceptance rate unpublished, likely low]

   [extended abstract, single-blind review, 2 reviews, acceptance rate unpublished, likely low]

   [extended abstract, single-blind review, 2 reviews, acceptance rate: 32%, 630/1963]

   [extended abstract, single-blind review, 2 reviews, acceptance rate unpublished, likely low]

   [extended abstract, single-blind review, 2 reviews, acceptance rate unpublished, likely low]

   [extended abstract, single-blind review, 2 reviews, acceptance rate unpublished, likely low]

   [extended abstract, single-blind review, 2 reviews, acceptance rate unpublished, likely low]

   [extended abstract, single-blind review, 2 reviews, acceptance rate unpublished, likely low]
[extended abstract, single-blind review, 2 reviews, acceptance rate unpublished, likely low]

[extended abstract, invited and single-blind review acceptance rate: 42%, 391/921]

[extended abstract, invited and single-blind review, acceptance rate: 42%, 391/921]

[extended abstract, single-blind review, 2 reviews, acceptance rate: 26%, 350/1346]

[extended abstract, single-blind review, 2 reviews, acceptance rate: 26%, 350/1346]

[extended abstract, single-blind review, 2 reviews, acceptance rate unpublished, likely high]

[extended abstract, single-blind review, 2 reviews, acceptance rate unpublished, likely low]

[extended abstract, single-blind review, 2 reviews, acceptance rate: 34%, 385/1130]
   [extended abstract, single-blind review, 2 reviews, acceptance rate unpublished, likely low]

   [extended abstract, single-blind review, 2 reviews, acceptance rate: 36%, 212/582]

   DOI=10.1145/1240866.1240963
   [extended abstract, single-blind review, 2 reviews, acceptance rate: 36%, 212/582]

publications: technical report


publications: other

   [sidebar, significant editorial review]

   [online article, significant editorial review]

   [conference proceedings, no significant review]

   [conference abstract, no significant review]


[114] Eli Blevis, Yvonne Rogers, Martin A. Siegel, William Hazlewood, and Amanda Stephano. 2004. Integrating HCI and Design: HCI/d at IUB, a Design Education Case Story. In Zimmerman, J., Evenson, S., Baumann, K.,
& Purgathofer, P. *Workshop on the relationship between design and HCI. ACM CHI 2004 conference on Human factors and computing systems*, Vienna, Austria. (4 pages) [workshop paper, no significant review]


publications: notes

1. Except for the entries for the scholarly press book in progress, all publications listed in what follows have either appeared, or are in press.
2. Where acceptance rates are unpublished, I use estimates of low = less than 34%, middle = more than 33% and less than 67%, and high = greater than 66%.
3. In addition to acceptance rates and where available, the specific type of publication, the nature of the reviewing—for example, double-blind, single blind, or editor reviewed, the number of reviews received, and the number of rounds of review are recorded in []’s below the publication.
4. Aside from the annual highlights section, the publications are listed under categories of publication type in a (partial) order denoting relative significance as contributions to research, scholarship, and creative activity, and within each category in reverse chronological order. The categories are, in (partial) order of most to least significance:
   - **scholarly press books**: very significant.
   - **scholarly press book chapters**: very significant.
   - **journals**: very significant—this category includes journals, but not periodicals.
   - **reviewed conference papers**: very significant—in HCI, as in Informatics & Computing in general, certain competitive, reviewed conferences, particularly ACM SIGCHI conferences, are at least as prestigious as the preceding categories, and for certain particularly competitive technical programs are more prestigious; ACM full proceedings papers, pictorials, and short papers (notes) are archival.
   - **full-length articles in ACM periodicals**: significant—this category includes full-length articles that appear primarily in the periodical ACM *interactions*. ACM *interactions* includes several forms of contribution, and it is only the full-length articles which appear in this category. In HCI, as in Informatics & Computing in general, certain periodicals with significant editorial oversight have scholarly standing, and represent a way to reach a broader audience of both researchers and practitioners, with shorter lead times than other venue categories. These include full-length feature, forum, review, and special issue contributions to ACM *Interactions* and *Communications of the ACM*.
   - **creative activity**: significant—here, this category includes mostly annotated photographs published regularly in ACM *Interactions*, as the last non-cover page. The images and their annotations communicate insights about interaction design, while also having merit as high production value photographs. This contribution category bridges between HCI and design, and the intention is that these are scholarly contributions in their own right. As of 2014, pictorials (photo essays) are now accepted as archival, competitive review contributions co-equal with archival papers in certain ACM venues.
   - **archival, reviewed extended abstracts**: significant—here, this category includes primarily extended abstracts associated with the organization of panels, workshops, and special interest group meetings at ACM SIGCHI conferences. These can be very competitive in terms of acceptance rates, and are considered archival contributions by the ACM.
   - **technical reports**: somewhat significant—here, the single technical report has been republished as a scholarly press book chapter.
   - **other**: not very significant—here, this category includes book chapters, conference papers and extended abstracts, and workshop papers that may have some merit, but which received so little review or are otherwise limited by the qualities of the venue as to limit their significance as scholarly contributions.
academic awards and honors

- awarded Best Pictorial Paper, ACM Designing Interactive Systems Conference (ACM DIS 2014) (sole paper so awarded among 55 submitted)
- Women in Computing Inspirational Teacher Award Nomination 2014, Indiana University School of Informatics and Computing
- Women in Computing Inspirational Teacher Award Nomination 2013, Indiana University School of Informatics and Computing
- awarded Honorable Mention, World Conference on Human Factors in Computing Systems (ACM CHI 2012) (with Bill Tomlinson – lead author, M. Six Silberman, Donald Patterson, Yue Pan) (top 5%)
- Women in Computing Inspirational Teacher Award Nomination 2011, Indiana University School of Informatics and Computing
- awarded Best Paper, World Conference on Human Factors in Computing Systems (ACM CHI 2007) (top 1%)

grants

I do not have a substantial grant history. I have contributed to grant proposals (6), mostly as a Co-PI. I have served on US National Science Foundation (NSF) panels (2), presented at a National Research Council workshop meeting on sustainability (1), and attended a Computing Research Association sustainability event by invitation (1). I have been listed as Co-PI on two substantially funded grants, one with PI Tom Duffy (School of Education, IU), and one with PI Jaz Choi (Queensland University of Technology).
invited presentations

These are invited colloquium presentations, keynotes, discussant engagements, or similar engagements not associated with a particular conference paper. In most cases, the inviting institutions have paid all or most of the expenses, as well as an honorarium.

- KAIST Post-CHI 2015 Workshop, Seoul (2015, April): Invited Speaker: Two Photographic Essays (Sustainability)
- AIGA Design Educators Conference, Cincinnati (2014, March): Roundtable Chair: Transdisciplinary Design
- 3TU NIRICT-SIKS Spring School, Technical Universities NL, Rotterdam, NL (2011): Sustainable Interaction Design
- National Research Council workshop organized by the Committee on Computing Research for Environmental and Societal Sustainability (2010, May): Interaction Design & The Tipping Point
- IUPUI School of Informatics & Computing (2010, January): Collaborative Competitive Challenge-Based Studio Learning (C3SL) in the Context of HCI & HCC
- Swinburne University of Technology, Faculty of Design, Australia (2008, December). Sustainable Interaction Design.
- CMU HCI Institute, Pittsburg PA (2008, March) Faculty Seminar: Research, Theory, & Practice of Interaction Design from the Perspective of Sustainability.
teaching: curriculum design and classes taught

Classes marked with the symbol () have received 100% positive student evaluations at least once (data available for IU only).

Curriculum Design¹ (IU)

• Thesis and Demonstration Project in HCI/d² (MS)
•  Visual Thinking, Meaning & Form in HCI/d³ (MS and Advanced Undergraduate)
• Visual Literacy in HCI/d⁴ (MS and Advanced Undergraduate)
• Foundations of HCI/d⁵ (Undergraduate)
•  Professional Preparation & Portfolio Development, Individual Planning for Interaction Designers⁶ (MS, PhD, and Advanced Undergraduate)
• Doctoral Seminar in HCI/d (PhD)

Curriculum Design⁷ (PolyU, One Integrated Syllabus)

• Vision and Change (MDes)
• Theories in Interaction Design (MDes)
• Graduate Studio Workshop I & II (MDes)
• Concept Workshop (MDes)
• Demonstration Project (MDes)
• Thesis and Demonstration Project, MDes, Interaction Design (MDes)

¹ Handbook is here: http://eli.informatics.indiana.edu/HCIDProgramHandbook20142015-V1.0.pdf
² Syllabus is here: http://eli.informatics.indiana.edu/I694ThesisAndDemonstrationProject-2015-V2.0.0.pdf
³ Syllabus is here: http://eli.informatics.indiana.edu/I561-I400-VMF-2015-V2.0.0.pdf
⁴ Syllabus is here: http://eli.informatics.indiana.edu/VisualLiteracyHCID-V1.7-Version0.2.pdf
⁵ Syllabus is here: http://eli.informatics.indiana.edu/Syllabus-I300-Fall2010-V1.7.pdf
⁷ Integrated Syllabus is here: http://eli.informatics.indiana.edu/Blevis-PolyU-IDM-IntegratedSyllabus-V1.pdf
teaching: recent publications specifically about learning


Eli Blevis. 2010. Design challenge based learning (DCBL) and sustainable pedagogical practice. *interactions* 17, 3 (May 2010), 64-69. DOI=10.1145/1744161.1744176

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**teaching: doctoral students**

- **Doctorates Awarded:**
  - Yue Pan 2014, primary advisor
  - Mark Notess 2008, advisor
  - Moushumi Sharmin, 2013, external committee member (UIUC)
  - Heekyoung Jung, 2011, committee member
  - Rovy Frost Branon 2009, committee member
  - Alyssa Wise 2007, committee member

- **Current Doctoral Students:**
  - Kyle Overton, primary advisor
  - David Roedl, primary advisor
  - Haodan (Ashley) Tan, co-primary advisor with Selma Šabanović
  - Gopinaath Kannabiran, committee member

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8 These publications are also listed in the complete list by publication type section of these vita
service and other contributions

- Director, Human-Computer Interaction/Design Program, 2011-
- Visiting Professor, Interaction Design Program, The Hong Kong Polytechnic University School of Design
- Acting Director (2012), Interaction Design Program, The Hong Kong Polytechnic University School of Design
- Technical Program Co-Chair, ACM SIGCHI DIS 2012, Newcastle UK (2 Co-Chairs, 447 papers, 40 Associate Chairs, approx. 1800 reviews, 91 accepted papers)
- Contributing Editor, Forum: Visual Thinking Backpage Gallery, ACM Interactions 2010-
- Contributing Editor, Forum: Sustainably Ours, ACM Interactions 2008-2010
- Associate Chair, ACM SIGCHI Annual Conference: Design Session, 2009 for the 2010 conference; Specific Applications Session, 2011 for the 2012 Conference, 2014 for the 2015 Conference (typically 10-12 reviews and meta reviews, reviewer assignments of 3 per paper)
- Associate Chair, Aarhus Decennial Conference 2015 (5 reviews and 1 meta-review)
- NSF Panelist (2)
- Contributing Editor: Design, Economics, and Innovation (Elsevier)
- Contributing Editor: Journal Visual Art Practice (Taylor and Francis)
- Contributing Editor: Design Philosophy Papers (Routledge, formerly Bloomsbury)
- Book Reviewing: Pearson Publishing (2); Berg Publishers, UK (1)
- Director, Sustainable Interaction Design Research Group (SIDRG) 2006 to 2011
- Member, Indiana University Institutional Review Board (Human Subjects Committee), 2004 to 2008
bibliometrics

The numbers below are respectable when compared to others in HCI or Design with similar years in rank, and they are trending upwards.

Google Scholar @ 21st May, 2015

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CITATION COUNTS: GOOGLE SCHOLAR APRIL 2015

[Graph showing citation counts from 2006 to 2015]

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