

**Global Singularity**

*In Memory of David Barr: IMAge participant, colleague, and friend.*

Sandra L. Arlinghaus



**Geometry Links from George Mokray....a hat tip to George from IMAge!**

Institute of Mathematical Geography  
<http://www.imagenet.org>

Viruses and proteins  
Virus trading cards

<http://tabletopwhale.com/2016/04/11/virus-trading-cards.html>

3-D models

<https://www.rbvi.ucsf.edu/Outreach/technotes/ModelGallery/index.html>

Protein data bank

<http://www.wwpdb.org>

Alex Fitzpatrick's Light Garden designs and other geometric lighting

<http://adesignstudio.com.au/#collection>

Mechanical sculpture - hat tip Dmitri Kozlov

<https://www.facebook.com/dmitri.kozlov.547/posts/10153763797281865>

Sam Kaplan's chewing gum geometric art

<http://www.samkaplan.com>

Reaction Diffusion Wall at Boston Museum of Science

<http://www.karlsims.com/rd-exhibit.html>

Caleb Charland's photography

[http://www.slate.com/blogs/ behold/2016/04/24/caleb\\_charland\\_s\\_redshift\\_is\\_a\\_collision\\_between\\_science\\_and\\_photography.html](http://www.slate.com/blogs/ behold/2016/04/24/caleb_charland_s_redshift_is_a_collision_between_science_and_photography.html)

<http://calebcharland.com>

Toy Hoberman Spheres installation in Berlin

<http://www.nilsvoelker.com/content/bitsandpieces/index.html>

<http://www.nilsvoelker.com/projects.html> - more work by Nils Voelker

Kenneth Snelson sculpture at Wellesley College

<http://www.wellesley.edu/news/stories/node/32080>

<https://www.facebook.com/WellesleyCollege/photos/a.168211001919.127359.24012621919/168213566919/> - construction photos

<http://kennethsnelson.net>

hat tip Karl Thidemann

Kung fu motion capture

<https://vimeo.com/163153865>

Paper for Water - two young sisters (starting at ages 5 and 8) make origami ornaments to fund access to clean water around the world

<http://www.paperforwater.org>

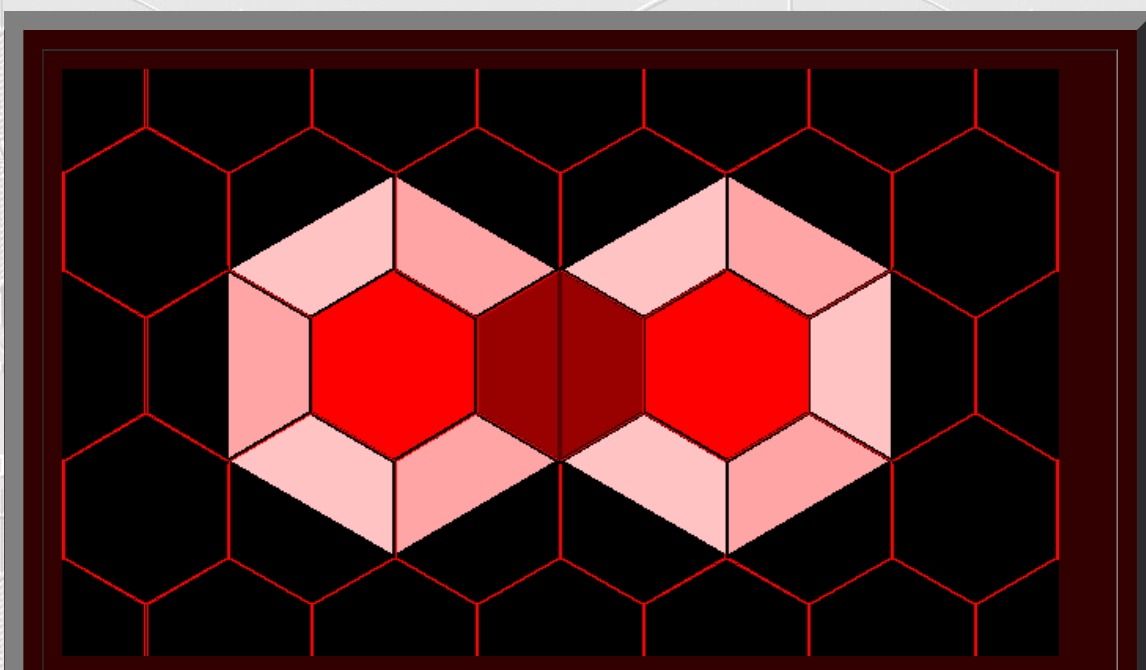
Eric Broug - scholar/artist of Islamic geometric art

<http://www.broug.com>

Years and years ago, there was a travel article in Rolling Stone magazine that included directions for creating Islamic geometric art. I copied it out by hand and remember putting it in my copy of one of the fine (now old) Shelter books. Never been able to find it again.

An additional layer of Islamic geometric art is sometimes the quotations from the Koran that weave through the lines. Incredibly beautiful and spiritual public demonstrations of culture and belief.

In the In



**1. ARCHIVE**

**2. Editorial Board, Advice to Authors, Mission Statement**

**3. Awards**

1.



2.



3.

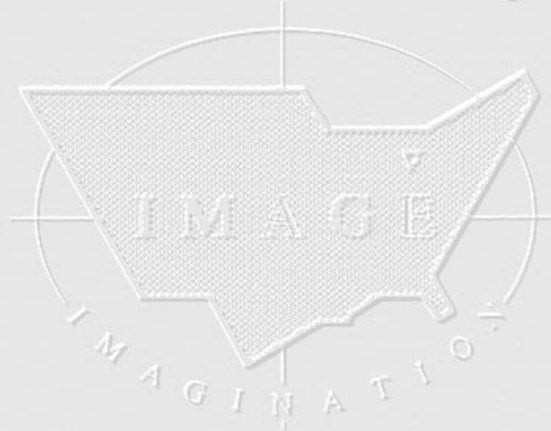




**RECENT NEWS...**

1. *Quaestiones Geographicae*, Special Issue.
2. Chene Street History Project.
3. ***Spatial Mathematics: Theory and Practice Through Mapping***. Sandra L. Arlinghaus and Joseph Kerski, (2013), [CRC Press](#) [Linked video](#) Published July 2013,
4. The work above is the first volume in a series of books to be published by CRC Press in its series "**Cartography, GIS, and Spatial Science: Theory and Practice**." If you have an idea for a book to include, or wish to participate in some other way, please contact the series Editor, Sandra L. Arlinghaus.
5. [Virtual Cemetery](#) with William E. Arlinghaus; an ongoing project that continues in development run in the virtual world in parallel with the trust-funded model of a real-world cemetery.

## Institute of Mathematical Geography



*Solstice: An Electronic Journal of Geography and Mathematics*,  
Institute of Mathematical Geography (IMaGe).

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[sarhaus@umich.edu](mailto:sarhaus@umich.edu)  
<http://www.imagenet.org>  
<http://deepblue.lib.umich.edu/handle/2027.42/58219>

*Solstice* was a Pirelli INTERNETional Award Semi-Finalist, 2001 (top 80 out of over 1000 entries worldwide)

One article in *Solstice* was a Pirelli INTERNETional Award Semi-Finalist, 2003 (Spatial Synthesis Sampler).

*Solstice* is listed in the [Directory of Open Access Journals](#) maintained by the University of Lund where it is maintained as a "searchable" journal.

*Solstice* is listed on the journals section of the website of the American Mathematical Society, <http://www.ams.org/>

*Solstice* is listed in [Geoscience e-Journals](#)

IMaGe is listed on the website of the Numerical Cartography Lab of The Ohio State University: [http://ncl.sbs.ohio-state.edu/4\\_homes.html](http://ncl.sbs.ohio-state.edu/4_homes.html)

Ulrich's lists online journal availability for full text sources:

- Colorado Alliance of Research Libraries
  - Open Access Digital Library, 01/01/1990-
- Directory of Open Access Journals
  - Directory of Open Access Journals, 1990-
- EBSCOhost
  - Academic Search Complete, 12/01/2006-
  - Academic Search R&D, 06/01/2006-
- Geoscience e-Journals
  - Geoscience e-Journals, 1990-
- HEAL Link
  - Hellenic Academic Libraries Link, 1990-
- Multiple Vendors
  - Freely Accessible Science Journals, 1990-
- National Institute of Standards and Technology
  - National Institute of Standards and Technology Virtual Library, 1990-
- Universitätsbibliothek Regensburg
  - Elektronische Zeitschriftenbibliothek - Frei zugängliche E-Journals, 1990-
- 中国教育图书进出口公司 (China Educational Publications Import & Export Corporation)
  - Socolar, 2004-2010

**Abstracting and Indexing Databases:**

- EBSCOhost
  - [Academic Search Alumni Edition](#), 12/1/2006-
  - [Academic Search Complete](#), 12/1/2006-
  - [Academic Search Elite](#), 12/1/2006-
  - [Academic Search Premier](#), 12/1/2006-
  - [Academic Search R&D](#), 6/1/2006-
  - [Current Abstracts](#), 11/1/2006-

- [Mainfile](#), 6/1/2006-
- [TOC Premier](#) (Table of Contents), 6/1/2006-

**Review posted on Ulrich's site:**

An interesting example of a privately issued electronic journal. As described in the mission statement of the journal, "The purpose of *Solstice* is to promote interaction between geography and mathematics." Articles are scholarly in presentation, with clear illustrations and charts. A number of the articles are written by the editor; the editorial advisory board lists individuals from throughout the country. Libraries should review and consider adding this to their collection of electronic journals.  
ML 11-15-1997

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Library of Congress Number: G70.23  
Dewey Decimal System Numbers: 526, 510.

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**Congratulations to all *Solstice* contributors.**

**Remembering those who are gone now but who contributed in various ways to *Solstice* or to IMAge projects, directly or indirectly, during the first 28 years of IMAge:**

[Allen K. Philbrick](#) | [Alma S. Lach](#) | [Donald F. Lach](#) | [Frank Harary](#) |  
[William D. Drake](#) | [H. S. M. Coxeter](#) | [Saunders Mac Lane](#) | [Chauncy D.](#)  
[Harris](#) | [Norton S. Ginsburg](#) | [Sylvia L. Thrupp](#) | [Arthur L. Loeb](#) |  
[George Kish](#) |

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