

Annual Special Interest Group (SIG) Report

<i>SIG:</i>	Psychology
<i>Year:</i>	2011-2012
<i>Officers</i> President: SIG-society liaison: Webmaster:	David Lounsbury, PhD (Co-Chair)
	Ralph Levine, PhD (Co-Chair)
<i>Website:</i>	http://psychology.wikia.com/wiki/System_dynamics
<i>Last update:</i>	2009 (we really, really need to work on this)

The past year

SIG development

Activities

Please list all activities organized by the SIG as such in the table below; insert rows as needed.

<i>Activity</i>	<i>Date</i>	<i># Attendees</i>
Roundtable and business meeting	July 2011 – Washington, DC	12

Publications

Please list relevant publications in form of books, chapters, articles and conference proceedings; add rows as needed. "Type" should be coded as follows: A=article; B=book; C=chapter; P=proceeding; S=software.

<i>Publication</i>	<i>Type</i>
Rapkin BD. Weiss ES. Lounsbury DW . Thompson HS. Goodman RM. Schechter CB. Merzel C. Shelton RC. Blank AE. Erb-Downward J. Williams A. Valera P. Padgett DK. (2012). Using the Interactive Systems Framework to Support a Quality Improvement Approach to Dissemination of Evidence-Based Strategies to Promote Early Detection of Breast Cancer: Planning a Comprehensive Dynamic Trial. American Journal of Community Psychology. PMID: 22618023	A
Lounsbury DW . (March 2012). A System Dynamics Approach to Designing and Implementing Solutions to Complex Problems in Public Health, Public Health Dynamics Seminar, University of Pittsburgh, PA	P

Relationships with other societies or institutions

Please indicate other institutions and professional or scientific societies your SIG maintains a relationship with. Add rows as needed.

Society of Community Research and Action (SCRA), Division 27 of the American Psychological Association, USA
Office of Cancer Survivorship, National Institutes of Health, Bethesda, MD, USA
Health Research and Services Administration (HRSA), Health and Human Services, Washington, DC USA
Practice-Based Research Core, Division of Community Collaboration and Implementation Science, Epidemiology and Population Health, Albert Einstein College of Medicine, Bronx, NY USA
Center for AIDS Research, Albert Einstein College of Medicine, Bronx, NY, USA
African Organization of Research and Training in Cancer (AORTIC), Cape Town, SOUTH AFRICA

Institutional development

If you have made changes to your constitution or other developments the Society should know about, please mention them here.

No changes or developments to report for the current year.

Members

Please list the SIG's active members in the table below. Add rows as needed.

#	Name	Affiliation	SDS member
1	Aamir, Munaf S.	Sandia National Laboratories	
2	Alessi, Stephen	University of Iowa	
3	Althouse, Richard	David Erway Group	
4	Arif, Seema	University of Central Punjab	
5	Backus, George A.	Sandia National Laboratories	
6	Baker, Chris		
7	Beng Hui, Dennis T.	De La Salle University	
8	Boettcher, Kevin	Vertex	
9	Christensen, Dean L.	Cyber Learning Corporation	
10	Ciochina, Alexandru Bogdan	5 Point Solutions	
11	Dawson, Matt	American Institutes for Research	
12	Doyle, James K.	Worcester Polytechnic Institute	
13	Frazier, Don	Deloitte Consulting	
14	Gambardella, Pascal J.	CSC	
15	Gharibi, Mirmojtaba	University of Waterloo	
16	Gillespie, David F.	Washington University in St Louis	
17	Hayward, John	University of Glamorgan	
18	Heene, Aime	Ghent University	
19	Hovmand, Peter S.	Washington University in St Louis	
20	Kunc, Martin H.	Warwick Business School	
21	Lazaruk, John L.		
22	Levine, Ralph L.	Michigan State University	
23	Madden, Bartley J.		
24	Maier, Herbert	TactiCog (sm)	
25	Melhuish, James	BAE Systems	
26	Milligan, Eric	Delsys Research Group Inc	
27	Miroshnychenko, Andrii	EMSD	
28	Pagano, Ian	University of Hawaii	
29	Park, Randy E.	Decision Advancement	
30	Pate, Christina M.	Johns Hopkins Bloomberg SPH	
31	Patterson, Robert	US Air Force Research Laboratory	
32	Polk, Deborah E.	University of Pittsburgh	
33	Ratliff, Eric	CHPPR	
34	Reese, Rebecca		
35	Ribero, Esteban	Leo Burnett	
36	Rodiqi, Ilir	RO & ZE	
37	Rossolimo, Alexander N.	Center for Security & Social Progress	
38	Sauer, Francois Werner	Sauer & Associates LLC	
39	Slinger, Jill H.	Delft University of Technology	
40	Ward, Stephen	SWA Consulting Inc	
41	Weaver, Elise A.	Human Resources Research Organization	
42	Wergin, Folker		

Your assessment of the closing year

Please elaborate concerning any particular development that may be relevant for the Society.

We really can only report on our own activities. We have not been successful in engaging Psychology SIG members.

Dr. Lounsbury is teaching system dynamics at the Albert Einstein College of Medicine and the Ferkauf School of Psychology at Yeshiva University, Bronx, NY. He is mentoring multiple medical students and clinical psychology graduate students. Dr. Lounsbury has approximately 10 on-going modeling projects that are focusing on diverse medical and public health issues, including HPV vaccination, tobacco treatment, HIV care quality, psychological dynamics of women at risk of HIV, social media-based HIV prevention messaging, cancer clinical trials support, and adolescent obesity. Interest in and demand for system dynamics modeling expertise continues to grow rapidly at Einstein and at other universities in the New York City region.

Dr. Levine, professor emeritus at Michigan State University, continues to work on two research grants this year that focus primarily on developing system dynamics models of public health problems with particular stress on behavioral and psychological processes. The first grant deals with modeling the effects of climate change on community health. More specifically, it deals the modeling effects of extreme heat episodes on vulnerable populations, such as elder citizens who have pulmonary and cardiac illnesses. This model will include a large number of psychological and behavioral mechanisms. A second grant (NIH) deals with the public health issues of dental caries by modeling the dynamics of habit change. More specifically, the model will deal with getting parents and their children to brush their teeth more often. The principal researcher on this project is Dr. Deborah Polk, University of Pittsburgh, College of Dentistry who is member of the society.

The coming year

Challenges

What are the opportunities the SIG plans to take, or challenges you plan to approach during the coming year?

Our main challenge continues to be low participation. Note, however, that we have not been pro-active in reaching out to members.

Planned activities

Which activities (like workshops, courses or seminars) does the SIG plan to perform during the coming year?

We have no planned activities, outside of participation in the SDS conference. We understand that this is problematic.

Support required

What would you ask the Society to do to help the SIG?

1. As we noted in last year's report, we need strategies and support to find new leadership, as Ralph and I have (probably) been at the helm too long!
2. We need to be proactive in using the SDS-sponsored and supported SIG listserv.
3. Maybe we could make better use of the Society's newsletter, to call attention to our SIG and to try to organize collaborative projects over the course of the year.