

Constitution of the Biomedical System Dynamics Special Interest Group (BMSD SIG) of the System Dynamics Society, Inc.

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Constitution of the *Biomedical System Dynamics Special Interest Group* of the System Dynamics Society, Inc. (BMSD SIG), a Special Interest Group of the *System Dynamics Society, Inc.* (the Society).

1. Nature of the SIG

The BMSD SIG will focus on understanding of the basic biomedical sciences (physiology, biophysics, pharmacology, biochemistry, and others), with three long-term goals in mind:

1. The development of a core set of models (and teaching materials) to serve as a foundation for the study of biological dynamics.
2. The incorporation of ST/SD into everyday practice within laboratory and clinical research environments.
3. The translation of resulting new insights into practical and effective clinical protocols.

Collaboration with the Health Policy SIG: The success of the previous goals will require careful consideration of administrative structures, current policies, individual skill sets (and attitudes), and the economics of experimental research and clinical practice. As a result, we anticipate close collaboration between the BMSD and Health Policy SIGs.

2. SIG Society Interaction

The SIG leaders will act as representatives of the BMSD SIG to the Society.

The leaders will review annually a report of activities, finances and membership submitted by the BMSD SIG. The report will include the names of the leaders of the BMSD SIG. Attached to the report will be copies of all publications of the BMSD SIG, as well as a complete membership listing.

3. Recognition

Initial list of active members (petition signed by at least six Society members)

- Jim Rogers
- Ed Gallaher
- Louis Macovsky
- Geoff McDonnell
- Diana Fisher
- Wayne Wakeland
- Mark Paich
- Ozge Karanfil

- Craig Hocum

List of leaders/ representatives to the Society

James Rogers
Advance Management Group
4447 Manchester Lane NW
Rochester, MN 55901
Rogers.James@Amgresults.com
507-289-4680
2. Dr. Edward Gallaher

Dr. Edward Gallaher
533 NE 37th Ave
Hillsboro, OR 97124
EJGallaher@Frontier.com
503-648-5637

4. Membership

Any Society member in good standing of the Society and any other interested individual sharing the objectives outlined above may join the BMSD SIG. Although SIG membership is not restricted to members of the System Dynamics Society, Inc., Membership of the System Dynamics Society, Inc. is encouraged.

5. Meetings and selection of representatives

The BMSD SIG will hold a minimum of one meeting per year. This meeting may be held during, with, but not interfering with, the international conference of the System Dynamics Society. Business and election of leaders will be dealt with in this meeting.

The leaders will be elected by a majority vote of the BMSD SIG membership. The elections will be held annually at a SIG meeting open to all members. All members in good standing and present at the meeting are allowed to vote.

6. Dues

The BMSD SIG will not charge any dues. The work of the BMSD SIG will be done by volunteers. The BMSD SIG may occasionally engage in activities that require payment, and only those members choosing to pay will be eligible to participate in those activities.

7. Sponsorship of activities

The BMSD SIG may request System Dynamics Society recognition of and/or co-sponsorship of specially organized major programs. The review of the request and response to the BMSD SIG will be the responsibility of the System Dynamics Society Executive Director and Executive Committee, who may choose to bring the request before the System Dynamics Society Policy Council.

8. Policies and activities

List of planned activities

- Initiate a one-year series of exploratory focus groups via online web-meetings.
- Monthly meetings (2 hours?) will focus on 3-4 major topics (TBD), discussed at 3- to 4-month intervals on an overlapping schedule throughout the year. Within each topic this schedule allows for the clarification of key issues, providing windows to explore and refine the issues, and to identify short-term action items and longer-term goals. Participants may choose to participate in one or more focus groups according to individual interests.