

**Minutes for the 2013 ACM SIGSIM Business Meeting**  
**Tuesday, December 10, 2012**  
**JW Marriott, Washington, DC**

The meeting was called to order at 5:32 p.m. by Andreas Tolk, Secretary and Treasurer of ACM SIGSIM. Paul Fishwick (President) and Margaret Loper (Vice President) were excused due to other professional commitments.

*Welcome, SIGSIM mission, and agenda (Tolk)*

Andreas Tolk welcomes the members present and thanks for the support the board received in the recent year. He also excused Paul Fishwick and Margaret Loper. Part of the meeting was videotaped for the Simulation Archives. Simon Taylor volunteered to take notes while Andreas Tolk chaired the meeting.

The minutes of the 2012 ACM Business Meeting as posted on the website was adopted.

*SIGSIM Recognition Award (Riley)*

The 2013 ACM SIGSIM Distinguished Contributions Award winner, Dr. Richard Fujimoto, was recognized during the ACM SIGSIM business meeting. Dr. George Riley recognized his accomplishments, including having been the mentor of many Ph.D. students that by now are influential in ACM SIGSIM and other M&S organizations themselves. The official award note reads as follows:

*The 2013 ACM SIGSIM Distinguished Contributions Award is presented to Dr. Richard Fujimoto. The goal of this award is to recognize individuals whose contributions to the field of modeling and simulation (M&S) are truly distinctive over an extended period of time and Dr. Fujimoto's activities epitomize this goal. Most of you who are present at this meeting are already familiar with his work and may have directly benefited from it. Dr. Fujimoto has made a lasting contribution, especially in the area of parallel and distributed simulation. His textbook "Parallel and Distributed Simulation Systems" is the definitive work on the subject and has been a resource for all professionals since it first appeared in 2000. His services to ACM SIGSIM and Winter Simulation Conference (WSC) have covered more than two decades — as an Area Editor for TOMACS, the General Chair for PADS for multiple years, and the program chair for WSC. We are very pleased to be able to recognize these and his many other contributions with this Distinguished Contribution Award. Dr. Fujimoto's research has given him international recognition where he is seen by many to be the world's leading expert on parallel simulation research, the starting point for many Ph.D. students.*

The slides presented during the business meeting are attached.

*Budget and Finances (Tolk)*

Andreas Tolk presented in his role as treasurer the budget and financial situation. Overall, ACM SIGSIM has a healthy financial status. Our revenue is slightly over the budget. Main revenue is still coming from the ACM digital library (DL) access that has been stable of the recent years. Membership is stable, but for the influence of the organization with 365

professional members too low. Some activity to increase membership is needed and may be connected with the social media efforts.

The expenses are characterized by supporting the new SIGSIM PADS conference and the support of students with travel grants, but stays well within the budget.

Our conferences were successful and resulted without exception in positive revenues. This is true for WSC, PADS, MsWIM, and DS-RT. Available data was presented.

Despite higher expenses in support of students and slightly less income from the DL, our discretionary account is in good state and shows at the time of the business meeting \$196,137.

The slides presented during the business meeting are attached.

#### *Computer Simulation Archive (Nance)*

The Computer Simulation Archive, <http://d.lib.ncsu.edu/computer-simulation>, is advised by Richard Nance (Chair), Robert Sargent, and Jim Wilson. The endowment fund, that has been supported by ACM SIGSIM in the recent years, is in a good state with about \$46,000. Several new contributions, including the work of Paul Roth, have been made.

An NSF grant to support a retrospective oral history of computer simulation is currently used to run a project that also supports the videotaping of parts of this business meeting.

Simon Taylor made a motion, which was seconded by George Riley, to continue the support of the Computer Simulation Archive with another donation of \$5,000. The motion was voted on and passed by unanimous vote.

The slides presented during the business meeting are attached.

#### *SIGSIM Website and MSKR (Balci)*

Osman Balci presented the state of the ACM SIGSIM Website and the Modeling and Simulation Knowledge Repository (MSKR).

The MSKR is not only established in support of ACM SIGSIM as an organization, it has also been set up to serve to distribute courseware on M&S education. Osman Balci and Richard Fujimoto already published their M&S courseware.

Every scholar within ACM SIGSIM is highly encouraged to think about publishing educational materials and courseware in the MSKR.

Osman Balci used a live link for his presentation: <http://www.acm-sigsim-mskr.org/>

#### *SIGSIM Social Media Initiatives (Tufarolo)*

John Tufarolo had been tasked to work out a first plan on using social media more efficiently. SIGSIM already has presence on LinkedIn, but most other media are not yet utilized. The attached presentation introduces objectives and possible metrics, a first draft plan for actions, and a first result on relevancy, current state, and needed actions for evaluating social media categories: Email, Website, Facebook, YouTube, Twitter, Wikipedia, LinkedIn, and WikiCFP.

To make the next steps, volunteers will be needed. SIGSIM will post a call for volunteers that will be orchestrated by John Tufarolo.

The slides presented during the business meeting are attached.

#### *National M&S Committee (Fujimoto)*

Richard Fujimoto presented the state of the National M&S Committee that is organized under the initial sponsorship of the National Training and Simulation Association (NTSA).

The potential areas of interest were presented:

- North American Industry Classification System (NAICS) code for M&S
- M&S curriculum guidelines
- Certification of M&S Professionals
- M&S Research agenda / roadmap
- Interface to U.S. Congress

ACM SIGSIM will work to establish a Memorandum of Understanding to ensure that our interests are represented. The recommendations were supported by all members present.

The slides presented during the business meeting are attached.

#### *SIGSIM-PADS conference 2013 and 2014 (Riley)*

George Riley – supported by Drew Hamilton – presented the results of the 2013 SIGSIM PADS conference, that took place at the Omni Mont-Royal hotel, Montreal, Quebec, Canada on May 19-22, 2013. The conference was organizationally and financially successful and was well received by the SIGSIM community.

SIGSIM PADS 2014 will take place in Denver, CO on May 18-21, 2014. The call for papers and other information are published on the ACM SIGSIM PADS conference website at <http://www.acm-sigsim-pads.org/>.

The slides presented during the business meeting are attached.

#### *TOMACS Report (Fujimoto)*

Lin Uhrmacher prepared the editor's report for 2013 that was presented by Richard Fujimoto. The journal is in a healthy state with an acceptance rate of about 18%. The editorial structure was flattened to reduce the turnaround time, supported by an improved emailing workflow. Planned improvements comprise faster publication and better reproducibility of simulation results.

The slides presented during the business meeting are attached.

#### *JOS Report (Taylor)*

Simon Taylor presented the editor's report for the *Journal of Simulation* (JOS). JOS is also in a healthy state. JOS has been accepted into the Thomson Reuters Journal Citation Reports® with an initial Impact Factor of 0.74.

Simon Taylor used a live link: <http://www.palgrave-journals.com/jos/index.html>

### *M&S Grand Challenges Initiative (Taylor)*

During the Winter Simulation Conference, the fourth expert panel discussion on Grand Challenges on M&S was conducted:

- WSC 2012, Berlin, Germany
- SCS SpringSim 2013, San Diego, CA
- ACM SIGSIM PADS 2013, Montreal, Canada
- WSC 2013, Washington, DC

Currently, Simon Taylor works on journal papers to archive the results of these panel meetings. Follow on efforts are planned. In particular for 2015 activities in the UK, ACM SIGSIM may think about some financial support for travels. No decision was made but the idea was put back into the financial cycle of planning for 2015.

The slides presented during the business meeting are attached.

### *Student travel award program (Tolk)*

Mike Overstreet prepared a slide on the SIGSIM travel Support that was presented by Andreas Tolk. SIGSIM decided to provide up to 12 travel grants for WSC and up to 10 grants for PADS, whereby individual grants will not exceed \$1,000. The grants were advertised on the SIGSIM website, but remained underutilized: 3 students applied for PADS travel grants, 6 students applied for WSC travel grants, all 9 were funded.

The slides presented during the business meeting are attached.

### *WSC Ph.D. Colloquium Status and SIGSIM Winner (Tolk)*

Andreas Tolk presented an update on the WSC Ph.D. Colloquium (PhDC). During WSC, Ph.D. students in their final year can participate in the PhDC. It is organized by ACM SIGSIM and INFORMS-Simulation Society. This year's committee was

- Nurcin Celik (INFORM-Sim) – *Chair*
- Mamadou Seck (ACM SIGSIM) – *Chair 2014*
- Esfand Mazhari (INFORM-Sim)
- Andreas Tolk (ACM SIGSIM) – *outgoing*
- Andrea D'Ambrosio (ACM SIGSIM) – *incoming*

The 2013 ACM SIGSIM winner is the paper entitled “An Agent-based Simulation of a Tuberculosis Epidemic: Understanding the Timing of Transmission”, presented by Parastu Kasaie, and co-authored by David W. Dowdy and W. David Kelton.

The slides presented during the business meeting are attached.

### *General Discussion and New Business (all)*

No additional business points were brought up.

The chair adjourned the meeting at 6:40 p.m.



**SIGSIM**

*ACM SIG on Simulation and Modeling*

Business Meeting 2013  
Winter Simulation Conference  
December 10, 2013

# Agenda



*ACM SIG on Simulation and Modeling*

1. Welcome, SIGSIM mission, and Agenda (Tolk)
2. SIGSIM Recognition Award (Riley)
3. Budget and Finances (Tolk)
4. Computer Simulation Archives (Nance)
5. SIGSIM Website and MSKR (Balci)
6. SIGSIM Social Media Initiatives (Tufarolo)
7. National M&S Committee (Fujimoto)
8. SIGSIM PADS conference 2013 and 2014 (Riley)
9. TOMACS Report (Fujimoto)
10. JOS Report (Taylor)
11. M&S Grand Challenges Initiative (Taylor)
12. Student travel award program (Tolk)
13. Ph.D. Colloquium Status and SIGSIM Winner (Tolk)
14. General Discussion and New Business (Tolk and all)

Founded in April 1969, Association for Computing Machinery (ACM) Special Interest Group (SIG) on Simulation and Modeling (SIM) aims to **promote** and **disseminate** the **advancement** of **high quality state-of-the-art** in Modeling and Simulation (M&S) across a broad range of **interests** and **disciplines**.

# 2013 SIGSIM

## Distinguished Contributions Award

### **Purpose**

To recognize individuals based on their overall contributions to the field of modeling and simulation, including technical innovations, publications, leadership, teaching, mentoring, and service to the community.

### **Committee**

Roger D. Smith

C. Michael Overstreet

Ray Paul

Adeline M. Uhrmacher

### **Recent Past Awardees**

2012 Robert G. Sargent

2011 James R. Wilson

2009 Roger D. Smith

2008 Ray J. Paul

2007 David M. Nicol

# 2013 SIGSIM

## Distinguished Contributions Award



**Richard Fujimoto**

**Georgia Institute of Technology  
Professor and Chair of the  
Computational Science and  
Engineering Division  
College of Computing**

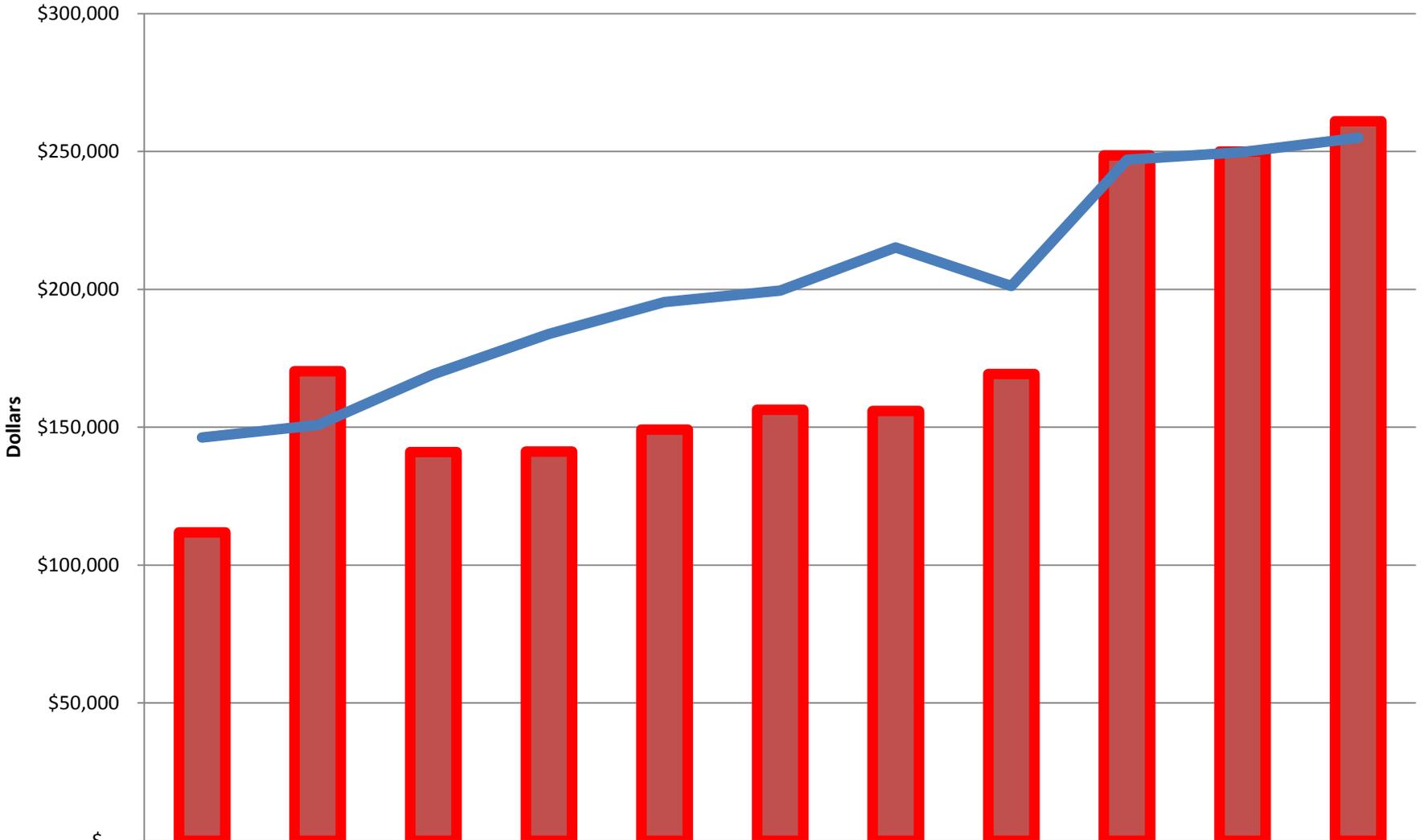
# 2013 SIGSIM

## Distinguished Contributions Award

### Selected Contributions

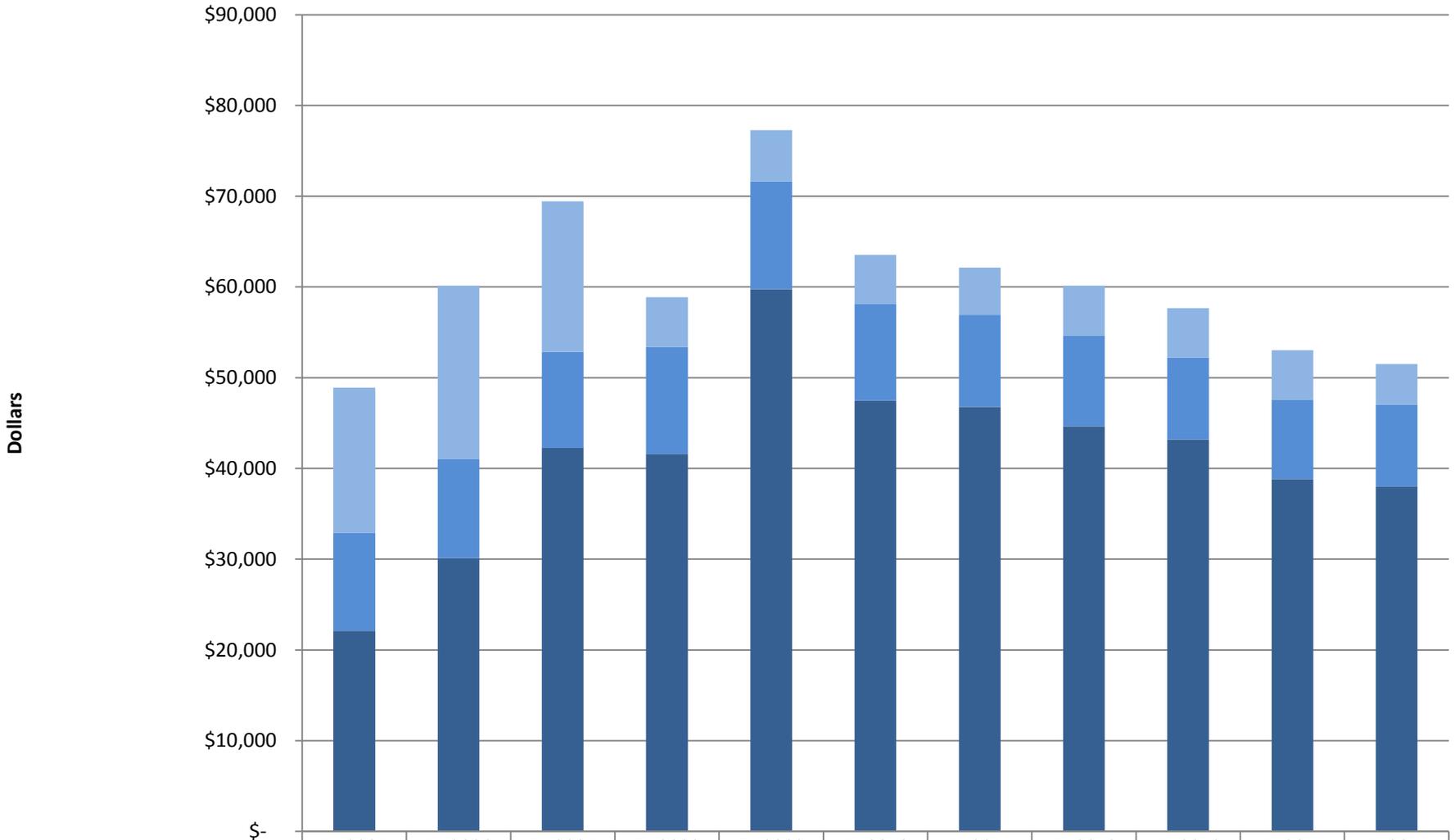
- Outstanding contributions in the area of parallel and distributed simulation
- His textbook 'Parallel and Distributed Simulation Systems' is the definitive work on the subject and has been a resource for all professionals since it first appeared in 2000.
- He supported ACM SIGSIM and WSC for more than two decades in various roles
  - Area Editor for TOMACS
  - General Chair for PADS
  - Pivotal in establishing PADS as the ACM SIGSIM Conference
- He was advisor of 14 PhD's, many of them now active in ACM SIGSIM and WSC as organizers and chairs

# SIGSIM's Total Financial Operations



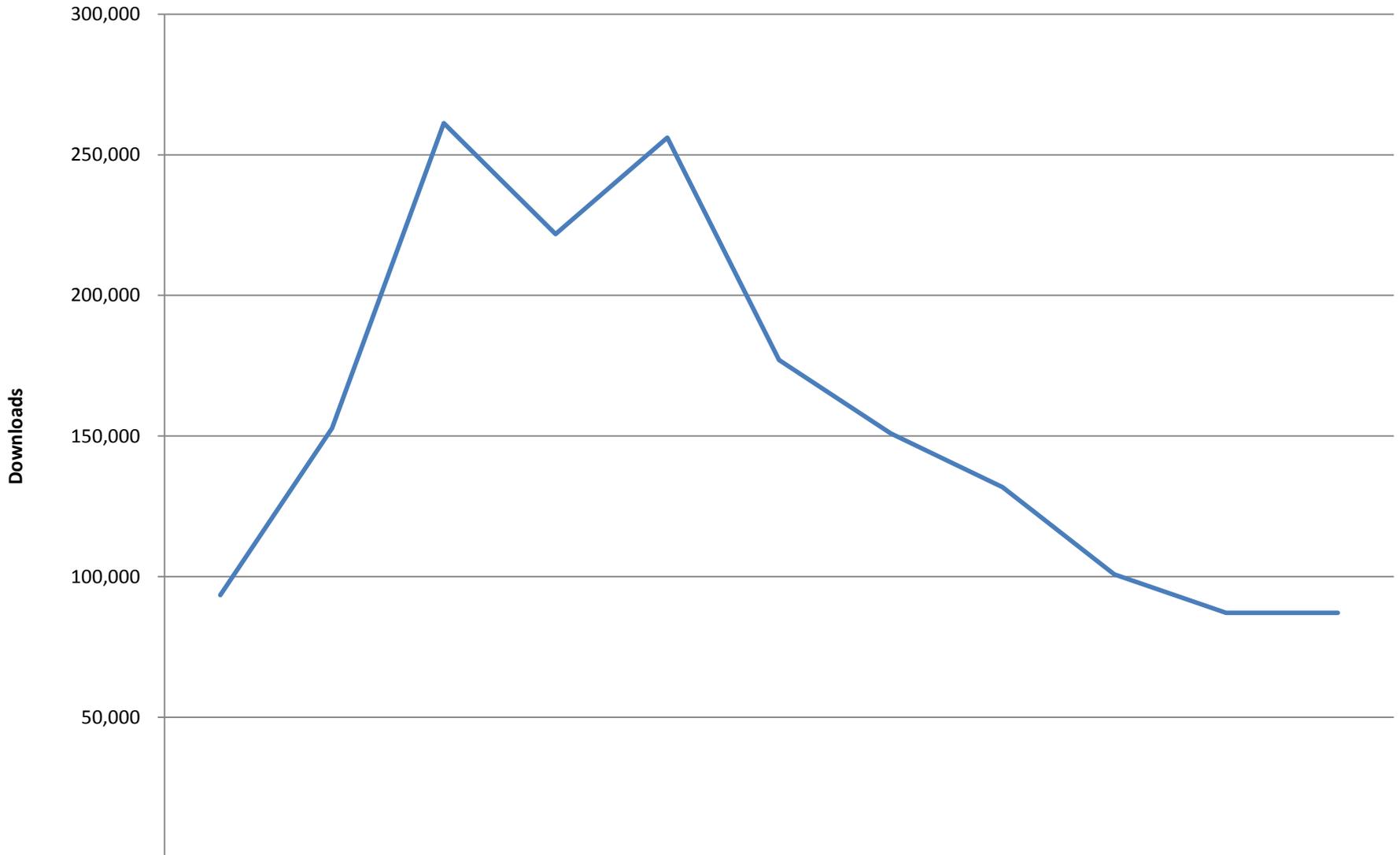
	FY 2005 Actual	FY 2006 Actual	FY 2007 Actual	FY 2008 Actual	FY 2009 Actual	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Projection	FY 2014 Budget
Expenses	\$111,818	\$170,314	\$140,961	\$141,169	\$149,159	\$156,372	\$155,923	\$169,309	\$248,536	\$249,984	\$260,950
Revenue	\$146,240	\$150,766	\$169,234	\$183,840	\$195,353	\$199,562	\$215,197	\$201,259	\$247,055	\$249,813	\$254,958

# Organization Revenue Detail



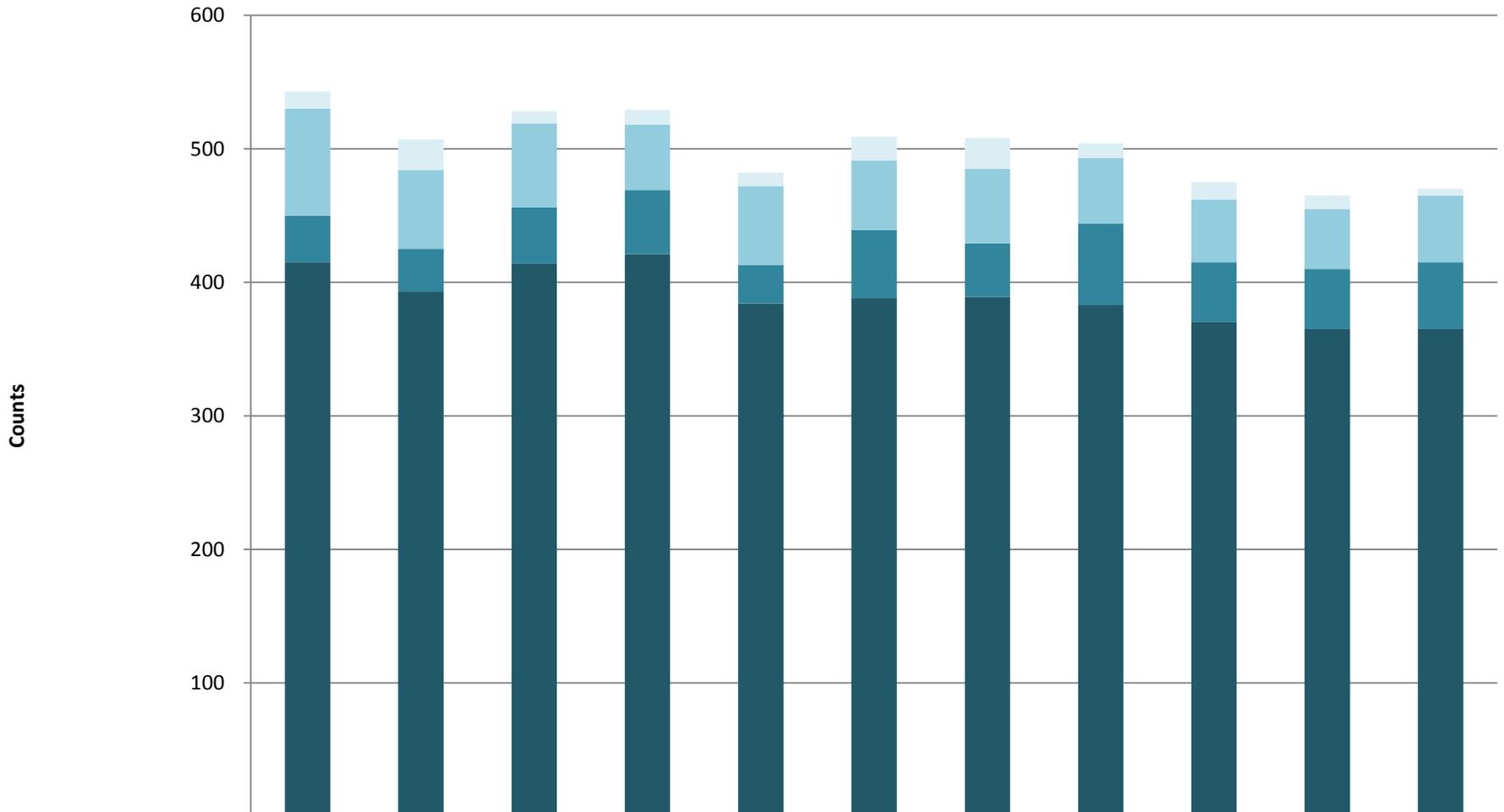
	FY 2005 Actual	FY 2006 Actual	FY 2007 Actual	FY 2008 Actual	FY 2009 Actual	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Projection	FY 2014 Budget
Interest and All Other Revenue	\$16,033	\$19,075	\$16,554	\$5,463	\$5,619	\$5,374	\$5,222	\$5,458	\$5,454	\$5,423	\$4,505
Dues and Subscription	\$10,760	\$10,929	\$10,617	\$11,803	\$11,891	\$10,683	\$10,129	\$10,018	\$9,047	\$8,780	\$8,980
Digital Library	\$22,110	\$30,137	\$42,253	\$41,594	\$59,756	\$47,479	\$46,791	\$44,649	\$43,170	\$38,818	\$38,024

# Digital Library Downloads



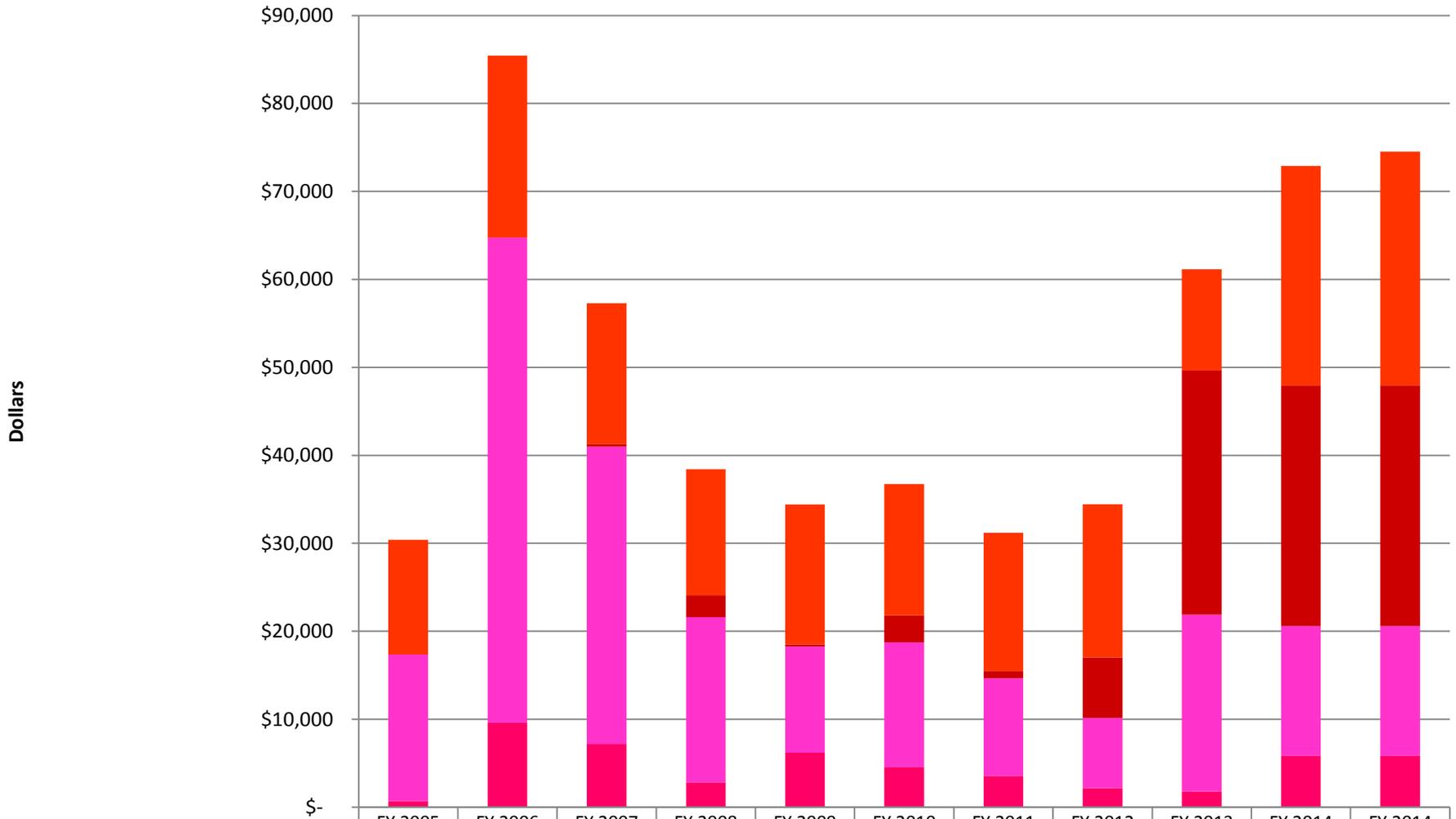
	FY 2005 Actual	FY 2006 Actual	FY 2007 Actual	FY 2008 Actual	FY 2009 Actual	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Projection	FY 2014 Budget
Downloads	93,467	152,828	261,225	221,833	256,070	177,043	150,950	131,809	100,781	87,154	87,154

# Membership & Subscribers Counts



	FY 2005 Actual	FY 2006 Actual	FY 2007 Actual	FY 2008 Actual	FY 2009 Actual	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Projection	FY 2014 Budget
Subscribers	13	23	9	11	10	18	23	11	13	10	5
Student Members	80	59	63	49	59	52	56	49	47	45	50
SIG Only Members	35	32	42	48	29	51	40	61	45	45	50
Professional Members	415	393	414	421	384	388	389	383	370	365	365

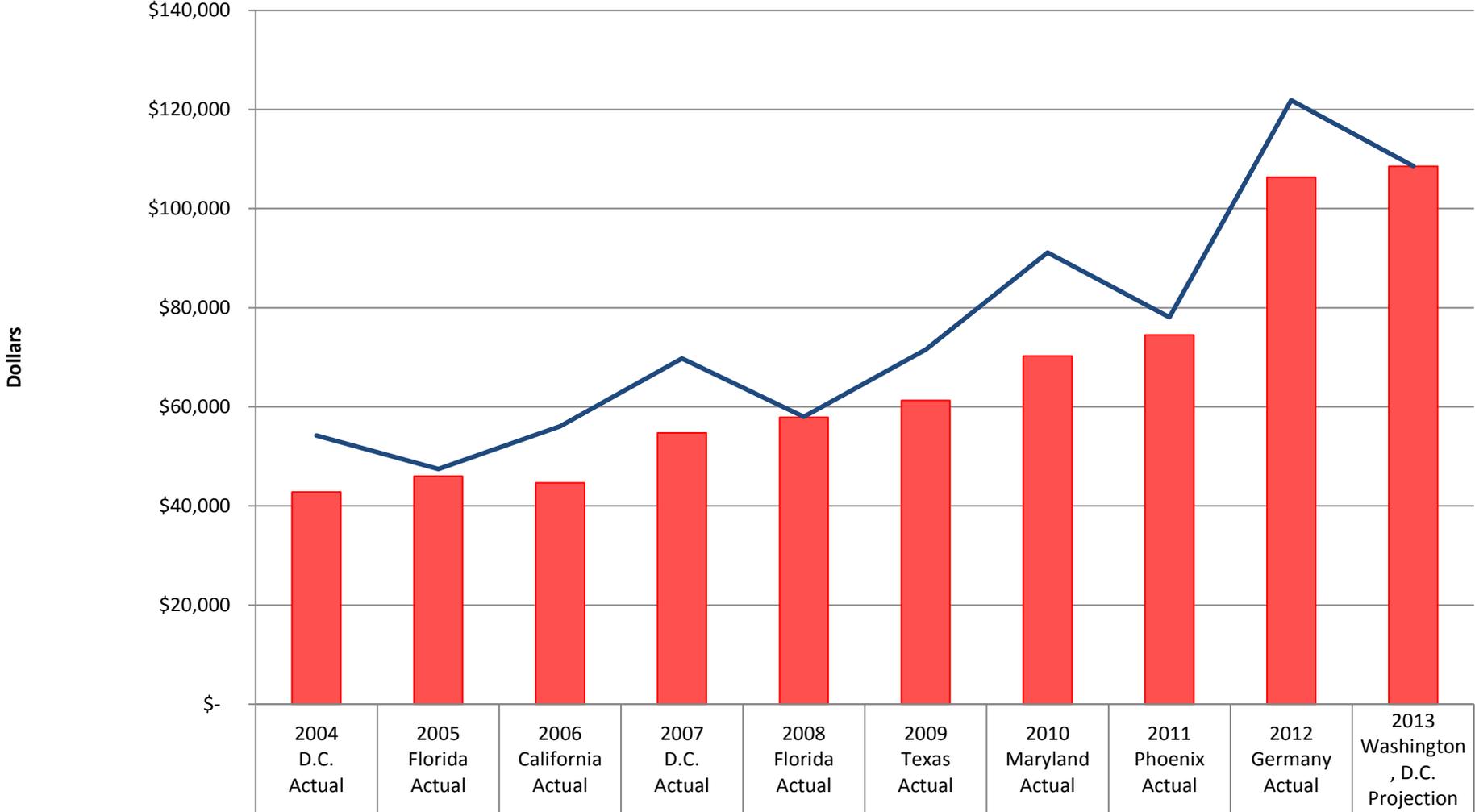
# Organization Expenses Detail



	FY 2005 Actual	FY 2006 Actual	FY 2007 Actual	FY 2008 Actual	FY 2009 Actual	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Projection	FY 2014 Budget
All Other Expenses (includes Allocation)	\$13,054	\$20,700	\$16,032	\$14,347	\$15,890	\$14,920	\$15,726	\$17,427	\$11,515	\$24,947	\$26,575
Grants, Awards, Special Projects	\$-	\$-	\$269	\$2,468	\$264	\$3,085	\$808	\$6,850	\$27,735	\$27,350	\$27,350
Production and Distribution	\$16,646	\$55,132	\$33,787	\$18,774	\$12,060	\$14,193	\$11,098	\$7,971	\$20,101	\$14,750	\$14,750
Travel and Meetings	\$711	\$9,623	\$7,197	\$2,841	\$6,193	\$4,545	\$3,575	\$2,193	\$1,804	\$5,850	\$5,850

# Winter Simulation Conference

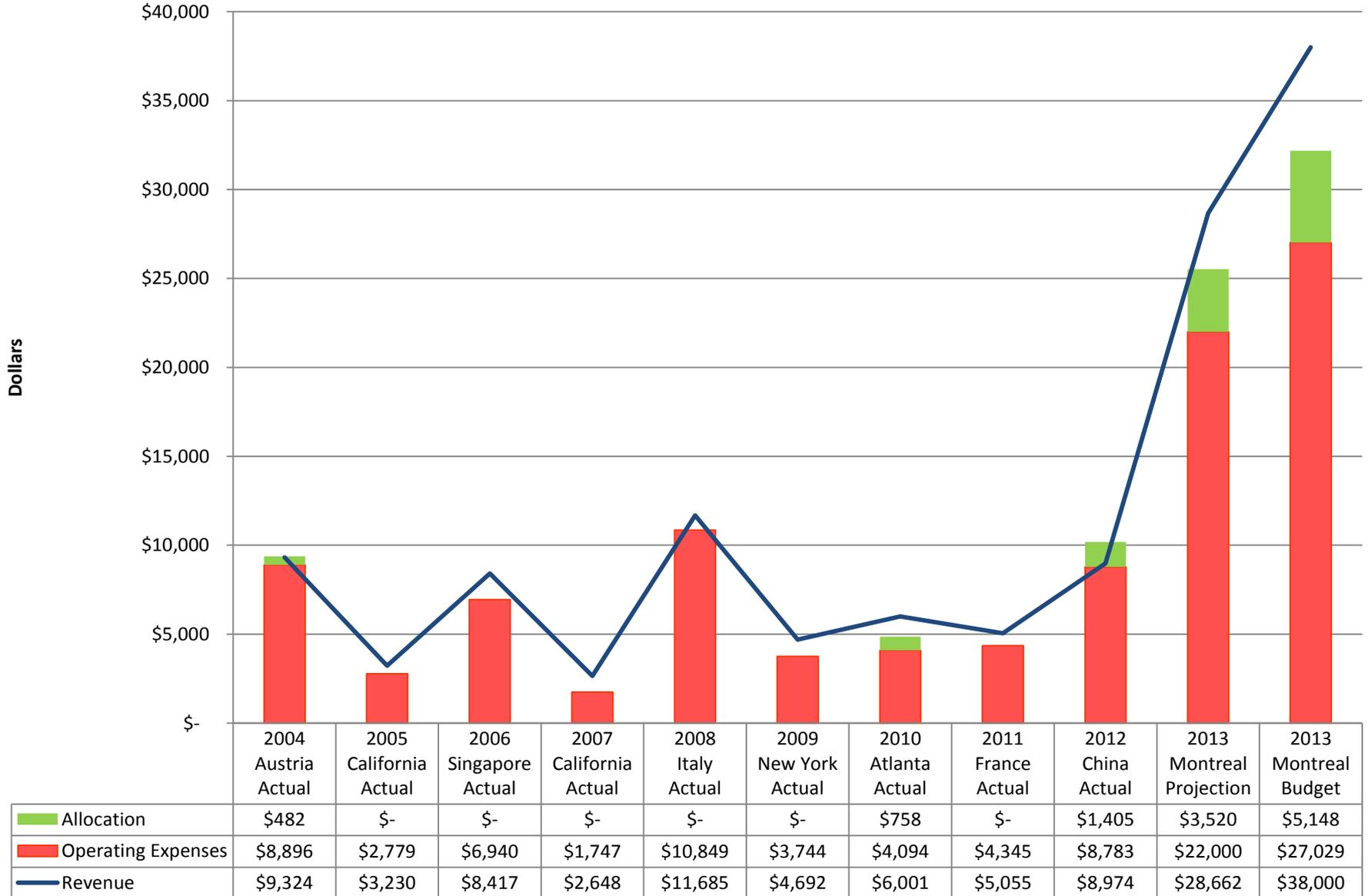
25% Sponsor



Operating Expenses	\$42,818	\$45,987	\$44,662	\$54,722	\$57,874	\$61,277	\$70,287	\$74,501	\$106,311	\$108,529
Revenue	\$54,203	\$47,443	\$56,073	\$69,772	\$58,002	\$71,586	\$91,146	\$78,084	\$121,845	\$108,574

# PADS

34% Sponsor



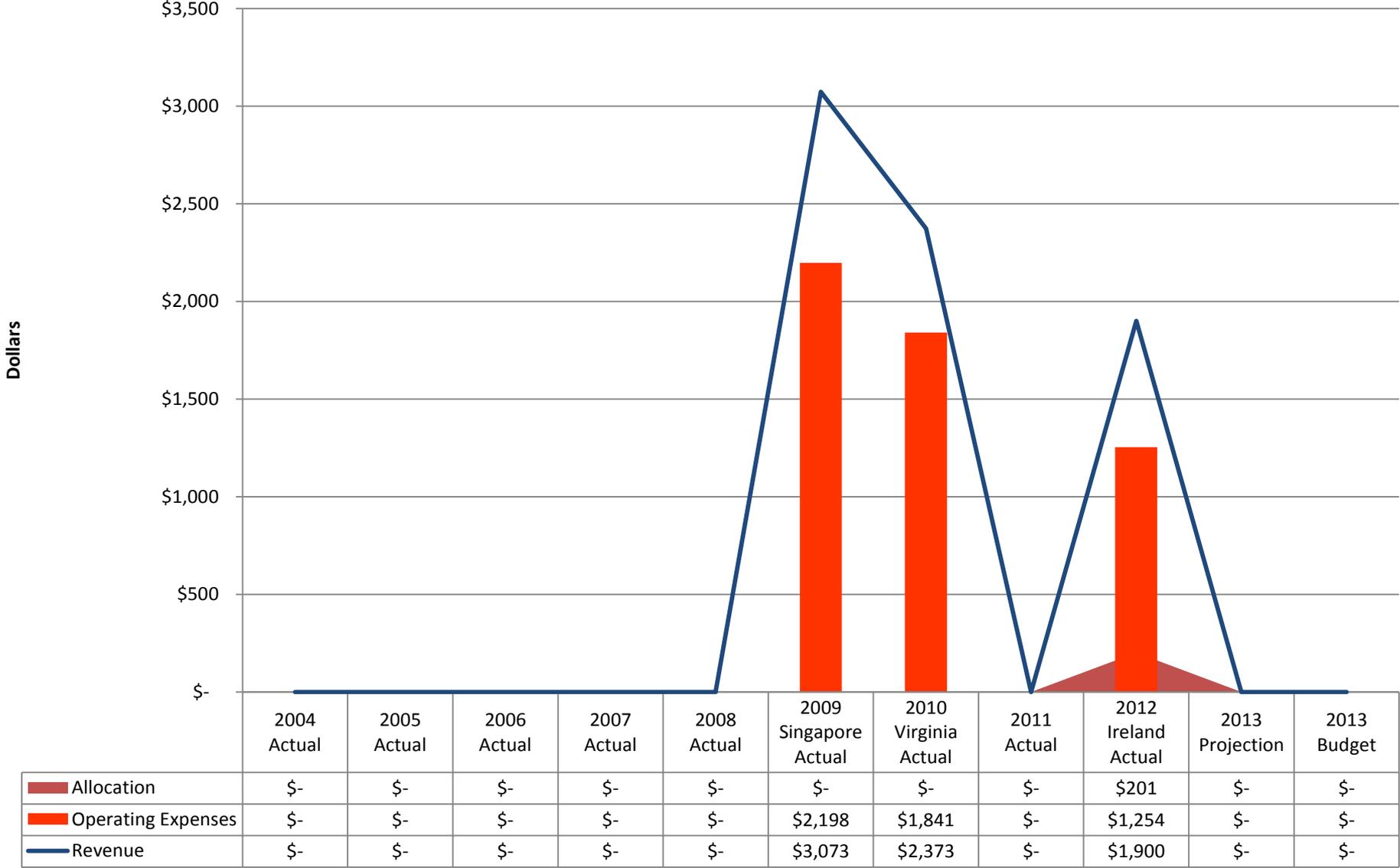
# MsWIM

100% Sponsor

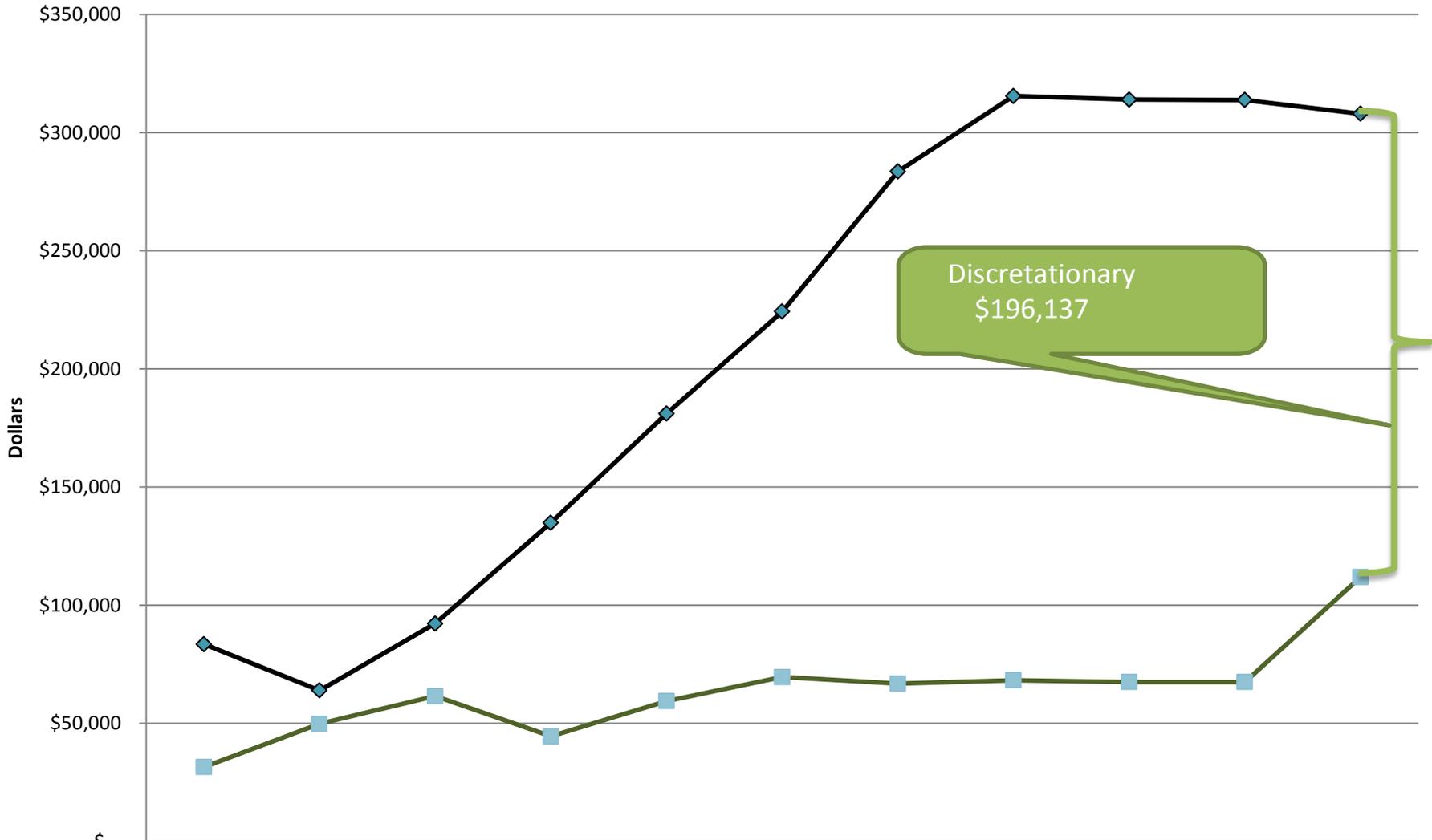


# DS-RT

10% Sponsor



# Fund Balance



	FY 2005 Actual	FY 2006 Actual	FY 2007 Actual	FY 2008 Actual	FY 2009 Actual	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Projection	FY 2014 Budget
Ending	\$83,442	\$63,894	\$92,167	\$134,838	\$181,032	\$224,222	\$283,496	\$315,446	\$313,962	\$313,791	\$307,970
Required	\$31,459	\$49,680	\$61,466	\$44,417	\$59,345	\$69,516	\$66,708	\$68,170	\$67,432	\$67,432	\$111,833

# Simulation Archive

- URL: <http://www.lib.ncsu.edu/specialcollections/simulation/>
- Advisory Committee: R. Nance (C), R. Sargent, J. Wilson
- Simulation Archive Endowment Fund
  - Much appreciation for SIGSIM donation of \$5000 (WSC 2012 Business Meeting)
  - Balance plus pending donations > \$46,000
- Contributions to Archive:
  - Paul Roth: Proceedings, Selected published papers
- NSF Grant: A Retrospective Oral History of Computer Simulation, J. Wilson (PI)
  - Session on Wednesday, 8:00 am in Capitol Ballroom E
- Donations are welcomed for the Endowment (tax deductible)
  - [greg.raschke@ncsu.edu](mailto:greg.raschke@ncsu.edu)

# SIGSIM Business Meeting

## 10 Dec 2013

### Social Media ~~Plan~~ Discussion

**Overall Objective: Enhance web and social media presence in a coordinated way**

**Today's Objective: Share these ideas and solicit your opinions about those that are most viable and effective**

# Social Media Objectives

Objective	Metrics
<i>Promote SIGSIM as the go-to organization for M&amp;S information and activities</i>	<ul style="list-style-type: none"> <li>• Help to bring SIGSIM-related sites (web or related social media) as the primary results when seeking M&amp;S information on the web.</li> </ul>
<i>Update access to, and keep content updated, coordinated, and relevant on SIGSIM web and related social media sites</i>	<ul style="list-style-type: none"> <li>• Updated content</li> <li>• Coordinated content and access between various sites</li> </ul>
<i>Promote news and interesting M&amp;S related information to interested people</i>	<ul style="list-style-type: none"> <li>• News and current events added</li> <li>• Information pushed to / made available for interested people thru various social media channels</li> </ul>
<i>Allow general public to participate in these SIGSIM-branded social media outlets and keep current to things like news and conference announcements</i>	<ul style="list-style-type: none"> <li>• Ability to selectively participate in receiving information.</li> </ul>
<i>Engage and leverage new social media trends to attract and retain new members (as they tend to use those trendy items)</i>	<ul style="list-style-type: none"> <li>• Increase in membership for recent graduates or early career personnel</li> <li>• Measured engagement rates per each social media method</li> </ul>
<i>Attract new SIGSIM members in general</i>	<ul style="list-style-type: none"> <li>• Increase in general membership</li> </ul>
<i>Promote interactive participation in M&amp;S related topic discussions</i>	<ul style="list-style-type: none"> <li>• Current and active blogging (or equivalent) on various sites</li> </ul>

**Goal is not to be good at social media, but leverage appropriate social media to address these objectives**

# Social Media Stuff

## Current metrics (where available)

- Website: stats?
- Mailing list(s): 466 subscribers
- LinkedIn: 356 members
  - Research: 19%
  - Computer S/W: 18%
  - Defense & Space: 14%
  - Higher Education: 12%
  - Information Technology: 9%
  - Education Management: 3%
  - Other: remainder
- Twitter, Facebook , Myspace: ?
- gitHub: 1 entry (youTube search tool)
- Video repository: few 100 videos

## Different Targeted Audiences

- Under-graduate students in M&S “feeder” disciplines (OR, Comp Sci, engineering, ...)
- Graduate students same fields
- Early M&S practitioners in their career
- Established M&S Practitioners
- Education-focused professors
- Research-focused professors
- Independent consultants

## Hot button topics: general search terms you might want to drive to SIGSIM sites:

- Modeling & Simulation
- Discrete Event Simulation
- Continuous Simulation
- Simulation Conference

**Need your ideas and input!**

# Draft Plan Actions

Help to enhance these general approach ideas

## **Establish community content managers in these areas:**

- Email contact; unified conference announcements; live exchanges like twitter
- Direct SIGSIM Web site content
- Facebook / LinkedIn / Wikipedia content (could divide this if needed)

## **Each content community:**

- To address priorities, actions needed and specific tasking (strawman items listed below)
- Each to identify and coordinate volunteer content providers to help establish and maintain information
- Establish a specific design & approach for coordinated data exchanges between sites (e.g., how can I get LinkedIn SIGSIM group postings to show on SIGSIM web site?)
- Establish social media policy (ACM may have some of this already; I leveraged a few items below from a search)
  - Statement about organizations broader ethical guidelines apply to social media
  - Reminders of individual responsibility and liability
  - Disclosure of affiliation with organization when posting
  - Respect for copyright and fair use laws
  - Honoring the confidentiality of proprietary / internal information
  - Prohibitions on hate speech, ethnic slurs, etc.
  - Privacy and discretion reminders

**Need your help and support! Volunteer!**

# Current state of social media / suggested actions

Item	Relevancy	Current State	Actions Needed
<b>Email list</b>	Currently almost exclusively a conference announcement forum	<ul style="list-style-type: none"> <li>• Seems to be auto-enrolled by ACM based on SIGSIM membership (tied to their DB of SIGSIM members).</li> <li>• Unable to access directly from SIGSIM web site</li> <li>• Unclear if general public can join (without joining SIGSIM)</li> </ul>	<ul style="list-style-type: none"> <li>• Retain this automatic email for ACM member mailings only</li> <li>• Need a unified conference and news announcement               <ul style="list-style-type: none"> <li>○ Allow public signup (and removal)</li> <li>○ Send email</li> <li>○ Post to social sites</li> <li>○ Web site show history of postings</li> </ul> </li> </ul>
<b>Web site</b>	Lots of relevant content	<ul style="list-style-type: none"> <li>• Some content areas are placeholders</li> <li>• Need live tie-ins to planned social media sites: recent conference postings; recent blogging entries; recent changes / additions; general M&amp;S news feed</li> </ul>	<ul style="list-style-type: none"> <li>• Update content</li> <li>• Update links to our specific social media items (as they are established / updated)</li> <li>• Provide unified conference / news announcements with other sites</li> <li>• Provide visibility and access to join and/or view conference announcements</li> <li>• Provide live tie-ins to established media sites</li> </ul>
<b>Face book</b>	Potential to be relevant	<ul style="list-style-type: none"> <li>• SIGGIM Group page doesn't exist</li> </ul>	<ul style="list-style-type: none"> <li>• Establish a SIGSIM Facebook group page with basic information</li> <li>• Promote membership among Facebook users</li> <li>• Tie into other SIGSIM sites</li> <li>• Provide unified conference / news announcements with other sites</li> </ul>
<b>You Tube</b>	Relevant	<p>Specific group page or channel doesn't exist</p> <p>We have web-crawler output putting content on web site: not sure if this is dynamic or static.</p>	<ul style="list-style-type: none"> <li>• Create SIGSIM channel?</li> <li>• Provide feed on web site to show recent, related content</li> </ul>

# Current state of social media / suggested actions (cont.)

Item	Relevancy	Current State	Actions Needed
Twitter	Potential to be relevant	Unknown. Is it meaningful to have a “group” Twitter? I don’t really use enough to comment on this.	<ul style="list-style-type: none"> <li>• Establish a SiGSIM group twitter (if appropriate)</li> <li>• Provide unified conference announcements with other sites</li> <li>• Provide feed for web site to show recent content.</li> </ul>
Wikipedia	Potential to be relevant	Okay – but data & references lacking	<ul style="list-style-type: none"> <li>• Update general M&amp;S content</li> <li>• Create / update SIGSIM specific content</li> <li>• Provide credible and cited items in these write-ups</li> </ul>
LinkedIn	Relevant	Group exists	<ul style="list-style-type: none"> <li>• Update content</li> <li>• Promote membership among LinkedIn members</li> <li>• Provide unified conference announcements with other sites</li> </ul>
Wiki CFP	Potential to be relevant	Simulation returns lots of entries: WSC	<ul style="list-style-type: none"> <li>• Should get all SIGIM-sponsored conferences on here</li> </ul>

## Social media items that don’t seem really useful to SIGSIM:

Tumblr

Foursquare

Pinterest

Snapchat

Vine

Instagram

Myspace

**Need your help and support!**

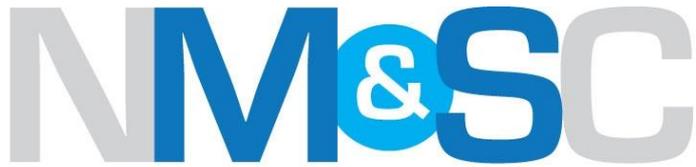
**Volunteer!**



# National Modeling and Simulation Coalition

Richard Fujimoto

Chairman, NMSC Policy Committee



National Modeling & Simulation Coalition

# History of Coalition

- Grew from an initiative led by the National Training and Simulation Association (NTSA)
  - Planning committee created
- NMSC Inaugural Congress – 6 February 2012
  - Membership recruited; 14 corporate, 30 individual members
- First Annual Meeting – 12 February 2013
  - Initial Charter developed
  - Policy Committee (Board of Directors) elected
- Initial sponsorship provided by NTSA
  - Goal is to eventually become an unincorporated, voluntary nonprofit coalition

# Potential Areas of Interest

- North American Industry Classification System (NAICS) code for M&S
- M&S curriculum guidelines
- Certification of M&S Professionals
- M&S Research agenda / roadmap
- Interface to U.S. Congress
  - M&S Congressional Caucus

- Seeking a memorandum of understanding between NMSC and ACM-SIGSIM stating
  - Interest in the NMSC concept
  - Designate individual to provide linkage to NMSC policy committee
  - Share event information with the goal of creating a common calendar
- Other organizations: SCS (MOU signed), INFORMS-SIM (under discussion); others planned

# ACM-SIGSIM Conference on Principles of Advanced Discrete Simulation (SIGSIM-PADS)

George Riley

# ACM SIGSIM-PADS 2013



**SIGSIM**

*ACM SIG on Simulation and Modeling*

- New flagship conference for ACM built on the strong history of PADS
  - Emphasis on high quality, peer-reviewed papers
  - Build on PADS reputation for quality
- Goal: Become the premier conference focused on computational aspects of simulation
  - Intersection of computer science and modeling and simulation
- Same acronym, new name:  
ACM-SIGSIM Principles of Advanced Discrete Simulation

# ACM SIGSIM-PADS 2013



**SIGSIM**

*ACM SIG on Simulation and Modeling*

- Omni Mont-Royal, Montreal, Quebec, May 19-22, 2013
- Conference Committee
  - General Chair: Margaret Loper (Georgia Tech, USA)
  - Program Chair: Gabriel Wainer (Carleton University, Canada)
  - Workshop/Tutorials: Levent Yilmaz (Auburn University, USA)
  - Publicity: Richard Fujimoto (Georgia Tech, USA)
  - General Chair (2014): Drew Hamilton (Auburn University, USA)
  - Program Chair (2014): Lin Uhrmacher (University of Rostock, Germany)
- Steering Committee
  - Paul Fishwick (University of Florida, USA)
  - Drew Hamilton (Auburn University, USA)
  - Jason Liu (Florida International University, USA)
  - David Nicol (University of Illinois at Urbana-Champaign, USA)
  - George Riley (Georgia Tech, USA)

# ACM SIGSIM-PADS 2014



**SIGSIM**

*ACM SIG on Simulation and Modeling*

- Important Deadlines

- Paper submission deadline: February 15, 2014
- Notification of acceptance: March 6, 2014
- Camera-ready deadline: March 20, 2014
- Conference: May 18-21, 2014

- Conference Venue

- Denver, Colorado, USA

- Website

- <http://www.acm-sigsim-pads.org>

ACM Transactions on  
**Modeling and Computer Simulation**

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# Editors report 2013

## WSC 2013 – SigSIM

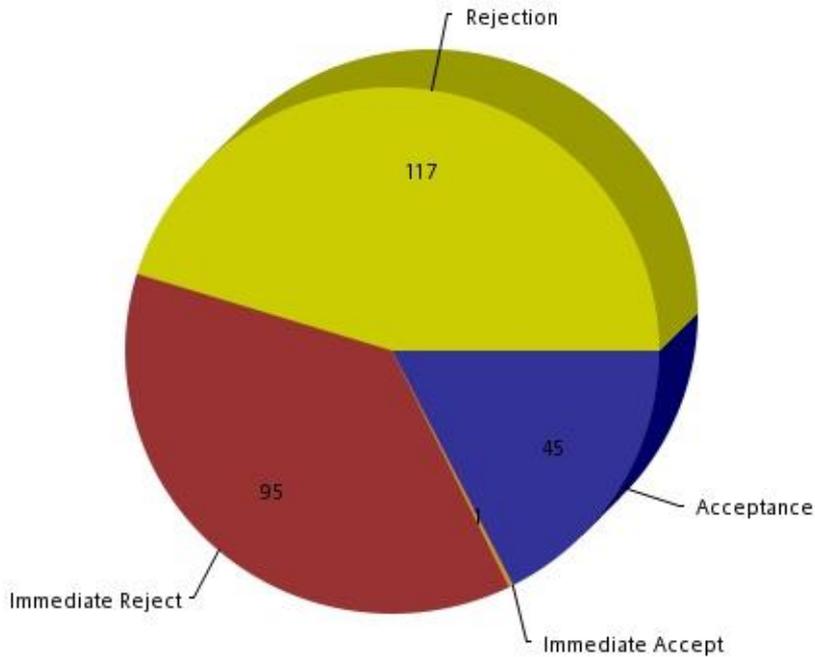
# Final Decisions for Transactions on Modeling and Computer Simulation

Estimated Data Date: Dec 1, 2013 8:00:04 PM

Information based on All Manuscripts, grouped by Manuscript Decision, whose submission date is On or after Dec 1, 2011.

Number of Manuscripts by Decision

- Decision
- Acceptance
  - Immediate Accept
  - Immediate Reject
  - Rejection



Number of Manuscripts1

Manuscript Decision	Number of Manuscripts	Percentage of Total
<a href="#">Accept</a>	46	17.8 %
<a href="#">Reject</a>	212	82.2 %
<b>Total</b>	<b>258</b>	<b>100%</b>

# ACM Transactions on Modeling and Computer Simulation

special  
issues

- Computational methods in systems biology
- Principles of advanced discrete event simulation
- Advances in cellular automata modeling
- In honor of Don Iglehart (closed)
- Emerging methodologies and applications in stochastic simulation (closed)

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- Submit high quality papers to tomacs
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- Let us know any ideas, comments, concerns etc. you have to improve TOMACS

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# Grand Challenges Serious

- WSC 2012  
Berlin, Germany
- SpringSim 2013  
San Diego, CA
- PADS 2013  
Montreal, Canada
- WSC 2013  
Washington, DC

# WSC 2013

## SIGSIM Student Travel Support

- Travel support for Ph.D. students to attend PADS 2013 or WSC 2013
  - Funded by SIGSIM
  - Up to 12 for WSC, 10 for PADS
  - Individual award amount up to \$1000
- PADS 2013, 3 applicants, all supported
  - Christina Montañola, Spain, Technical Univ. of Catalonia
  - Blessing Ugbi, U.K., Univ. of Manchester
  - Kara Olson, U.S., Old Dominion Univ.
- WSC 2013, 6 applicants, all supported
  - Fatemeh Hashemi, U.S., Virginia Tech
  - Kalyani Nagaraj, U.S., Virginia Tech
  - Amirreza Khaleghi, U.S., Univ. of Az
  - Kara Olson, U.S., Old Dominion Univ.
  - Chao Meng, U.S. Univ. of Az
  - Christina Montañola, Spain, Technical Univ. of Catalonia

# WSC13 PhD Colloquium

## Committee:

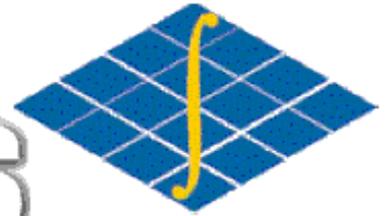
- Nurcin Celik (INFORM-Sim) – *Chair*
- Mamadou Seck (ACM SIGSIM) – *Chair 2014*
- Esfand Mazhari (INFORM-Sim)
- Andreas Tolk (ACM SIGSIM) – *outgoing*
- Andrea D’Ambrosio (ACM SIGSIM) – *incoming*
  
- Colloquium Format
  - *Presentations: 35 final year students give talks showcasing their work*
  - *Poster Session: 24 (with paper)+11 (with abstracts)= 35 students, open, interactive*
  - *Final year students get conference fees reimbursed, 1 year society membership (I-SIM, ACM-SIGSIM)*
  
- **Keynote: Dr. Frederica Darema** (Director of Mathematics, Information and Life Sciences at **AFOSR**)
  
- **Best Student Paper awards**
  - *Two \$200 awards, one each sponsored by I-SIM and ACM-SIGSIM*
  - *Only final year students with paper in main conference are eligible*



**SIGSIM**

*ACM SIG on Simulation and Modeling*

**informatics**



# *2013 Winter Simulation Conference*

## *Best Student Paper Award*

### **Best CS-focused Paper**

“An Agent-based Simulation of a Tuberculosis Epidemic: Understanding the Timing of Transmission”

Parastu Kasaie, David W. Dowdy, and W. David Kelton