

2019 SIAG/DS

Applications of Dynamical Systems

Business Meeting

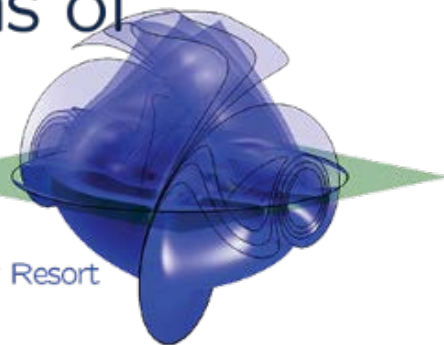
Monday, May 20, 2019

9:00pm-9:30 pm

Ballroom 2

Snowbird Ski and Summer Resort

SIAM Conference on
Applications of
Dynamical
Systems



May 19–23, 2019

Snowbird Ski and Summer Resort
Snowbird, Utah, USA

#SIAMDS19

2019 SIAG/DS BUSINESS MEETING

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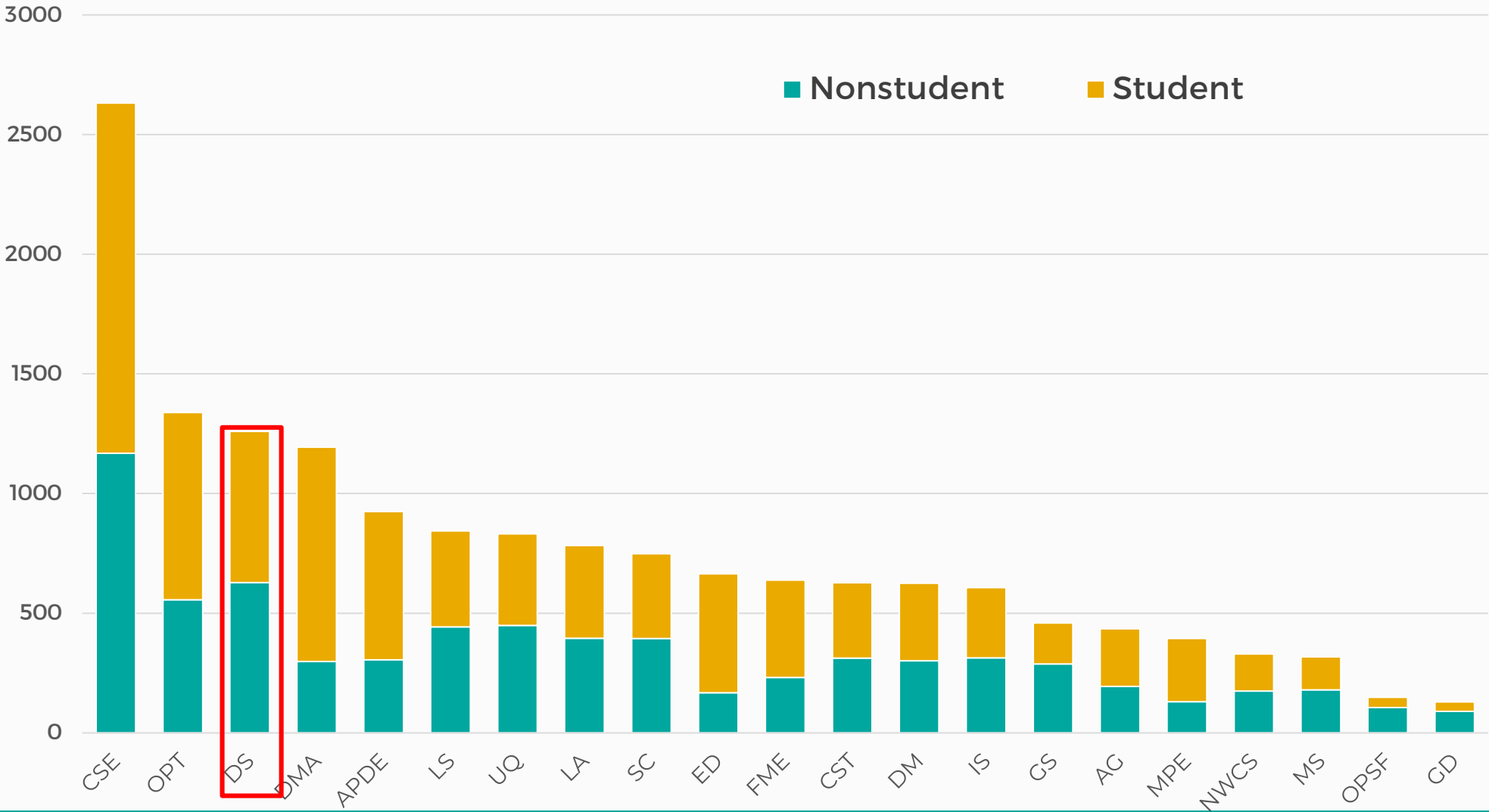


Jonathan Rubin

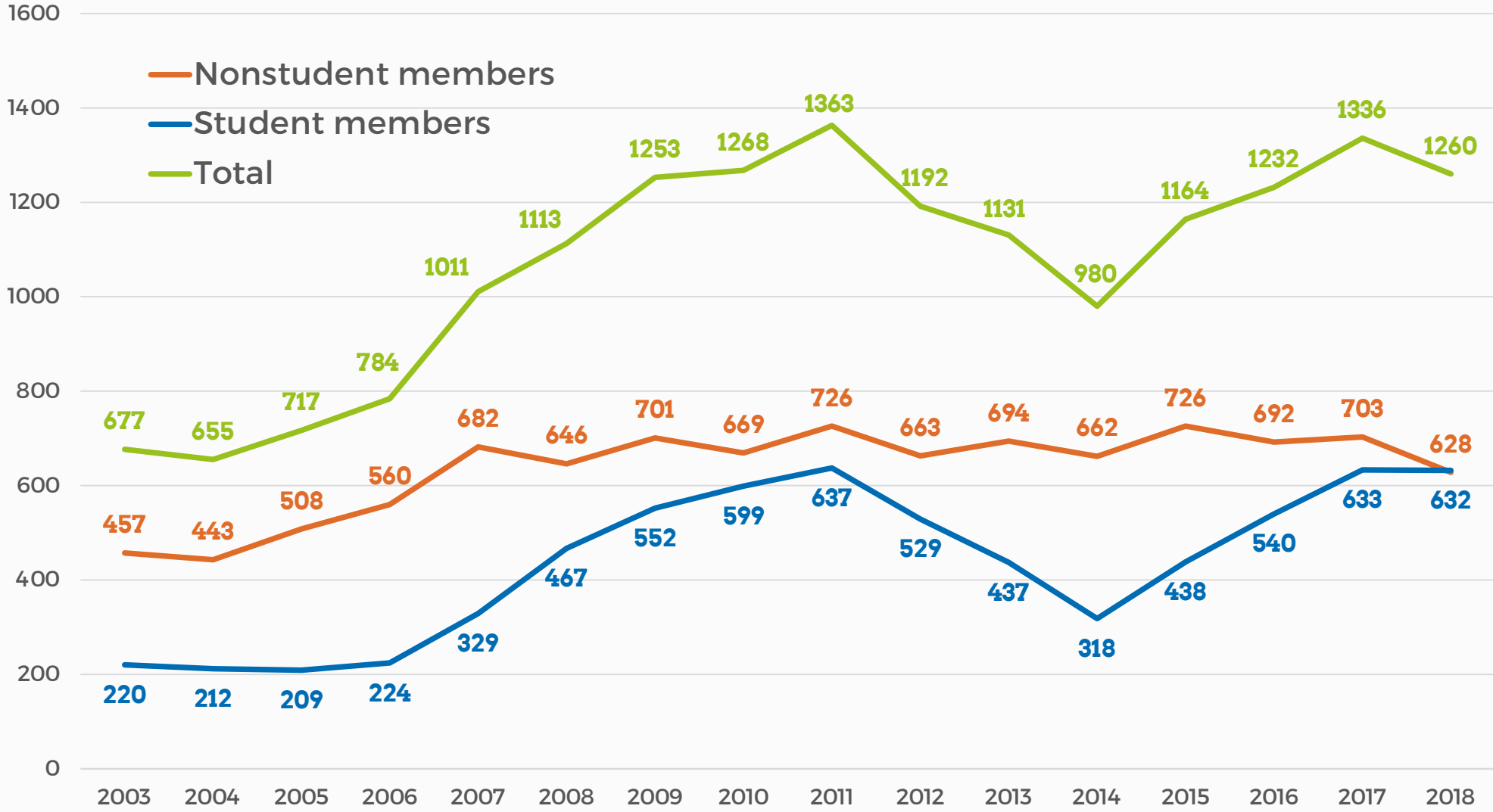


Jean-Luc
Thiffeault

SIAG Overall Membership



SIAG/DS Membership Demographics



SIAG/DS Fellows

Class of 2018

Alain Goriely



Helen Moore



Class of 2019

Mason Porter

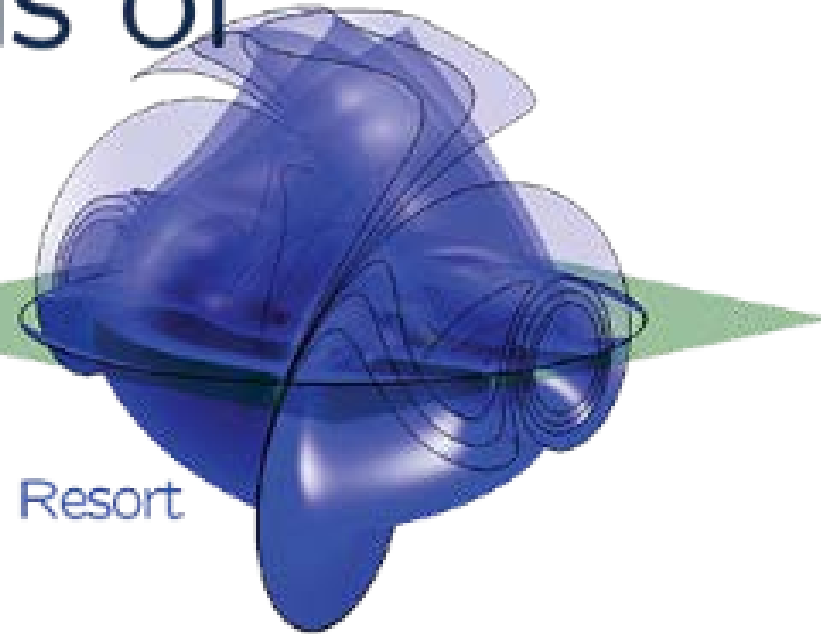


SIAM Conference on

Applications of Dynamical Systems

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Co-Chairs

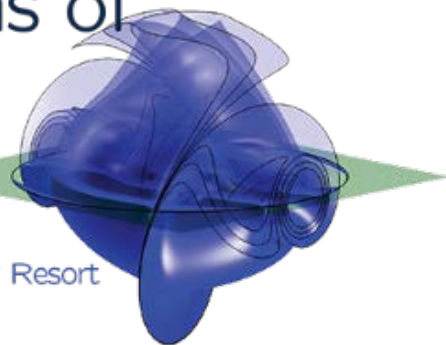
- **Mason A. Porter**
UCLA



- **Elaine Spiller**
Marquette University



SIAM Conference on
Applications of
Dynamical
Systems



May 19–23, 2019
Snowbird Ski and Summer Resort
Snowbird, Utah, USA

#SIADS19

SIAG/DS Conference 2019

Organizing Committee Co-chairs

Mason A. Porter, University of California, Los Angeles, U.S.

Elaine Spiller, Marquette University, U.S.



Organizing Committee

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Lora Billings, Montclair State University, U.S.

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Arjen Doelman, Leiden University, The Netherlands

David Hum, Georgia Tech, U.S.

Scott McKinley, Tulane University, U.S.

Jeff Moehlis, University of California, Santa Barbara, U.S.

Yasumasa Nishiura, Tohoku University, Japan

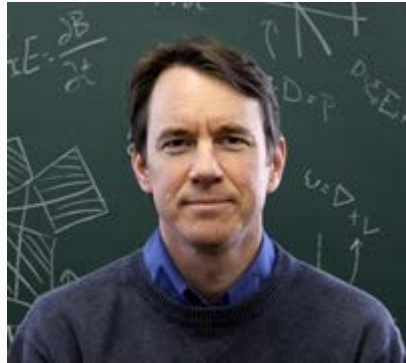
Juan G. Restrepo, University of Colorado Boulder, U.S.

Evelyn Sander, George Mason University, U.S.

Andrew Stuart, California Institute of Technology, U.S.

Sarah Waters, University of Oxford, United Kingdom

SIAG/DS Conference 2019 – SIAM Staff Onsite



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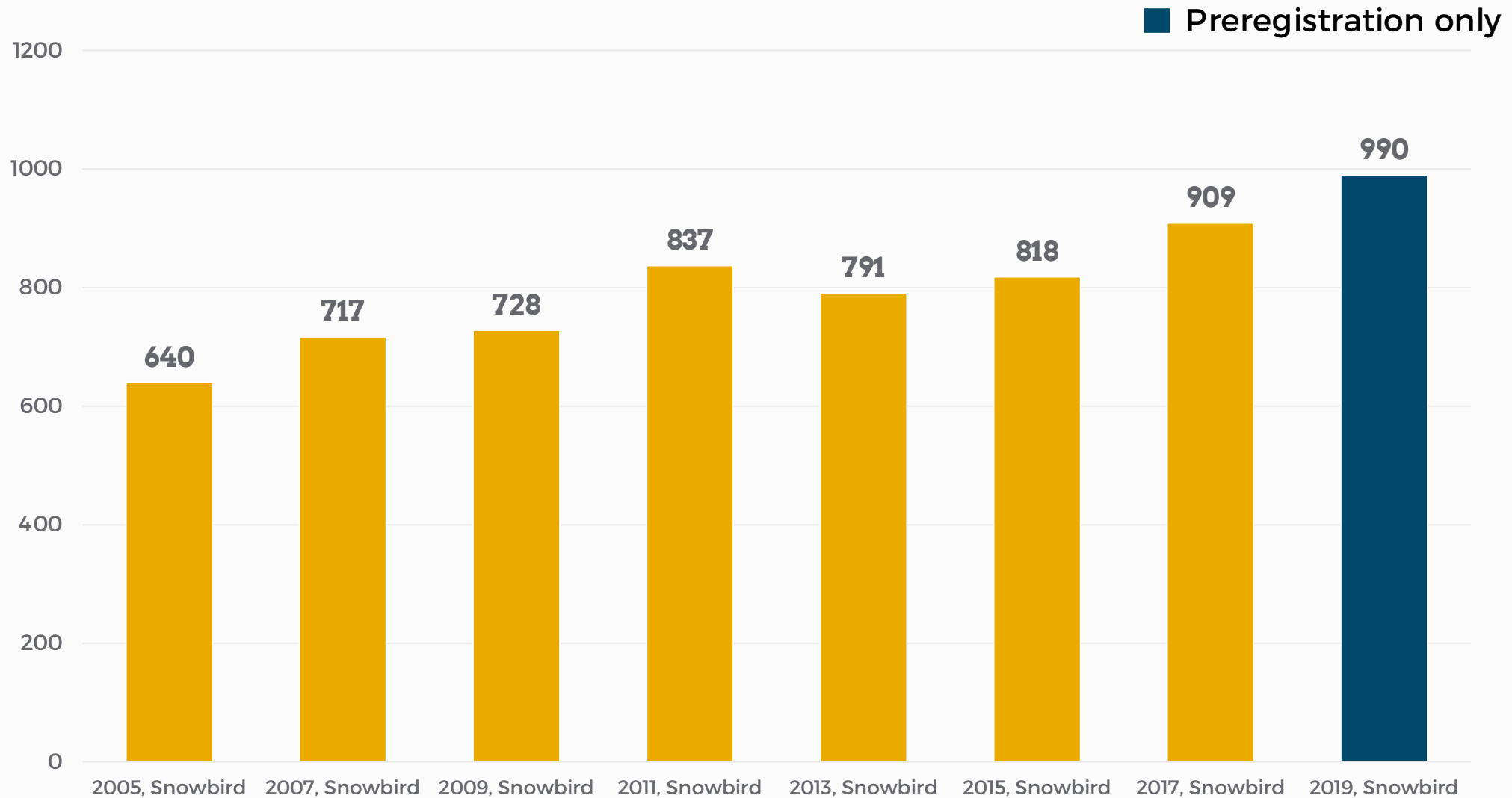


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Online Content Coordinator



Paula Callaghan
Acquisitions Editor

SIAG/DS Conference History



SIAM DS19 Prizes

J.D. Crawford Prize Committee

Evelyn Sander (Chair)

Barbara Gentz

Aric Hagberg

Jeff Moehlis

Martin Wechselberger

Jürgen Moser Lecture Prize Committee

Jocelyn Lega (Chair)

Jonathan Rubin

Marty Golubitsky

Hinke Osinga

Carson Chow

Red Socks Poster Prize Organizer: Alan Champneys

J.D. Crawford Prize

This prize was established in 2000 in memory of John David Crawford and his contributions to the physics of collisionless plasmas and pattern formation. It is awarded to one individual for recent work on a topic in nonlinear science, based on publication in peer-reviewed journals.

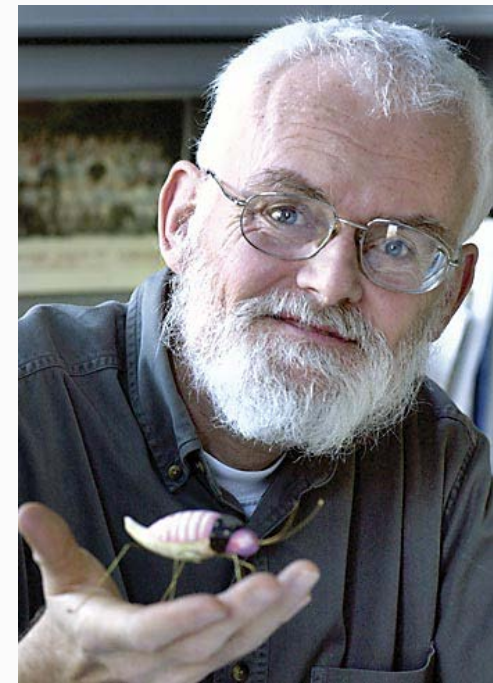


Prof. Margaret Beck is awarded the J. D. Crawford Prize for:

Her work using the Maslov index to determine stability of nonlinear waves, as well as for other outstanding contributions on coherent structures and nonlinear waves

Jürgen Moser Lecture

This prize was established in 2000 in memory of **Jürgen Moser**, a leading mathematician who helped develop influential theories in celestial mechanics and dynamical systems theory. It is awarded to one individual who has made distinguished contributions to nonlinear science.



Prof. Philip Holmes is awarded the Jürgen Moser Lecture for:

His fundamental contributions both to the mathematical theory of dynamical systems and to a broad range of applications in physics, optics, neuroscience, and engineering.

Supporting Early Career Dynamicists

DS19: Student and Postdoc Icebreaker Session

Designed to help new attendees survive and thrive at DS19.



Alexandria Volkening

Heather Zinn Brooks

DS19: Mentoring Lunch

For graduate students, postdoctoral scholars, faculty, and career scientists, with a focus on supporting a diverse and inclusive academic environment.



Korana Burke



GoFundMe

Your contributions help support:

- An icebreaker session for students & postdocs,
- A mentoring lunch aiming to create a diverse and welcoming environment,
- Increasing the number of Red Sock awards for best poster presentations.

Andrew Bernoff
Andrea Bertozzi
Paul Carter
Lyndie Chiou
Malena Espanol
Eric Forgoston
Barbara Gentz
Anna Ghazaryan
Colin Grudzien
John Guckenheimer
Christopher Jones
Hans G. Kaper
Nathan Kutz

Hans G. Kaper
Nathan Kutz
Alan Lindsay
Scott McKinley
Jeff Moehlis
Richard Moore
Mason Porter
Evelyn Sander
Bjorn Sandstede
Tim Sauer
Elaine Spiller
Renee Strnad
Steven Strogatz

!!!! Thank you !!!!

Anonymous (7)

DS19 Travel Support

Student Travel Awards:

There were 133 applications and 57 awards made.

Early Career Awards (within 6 years of PhD):

There were 55 applications and 8 awards made.

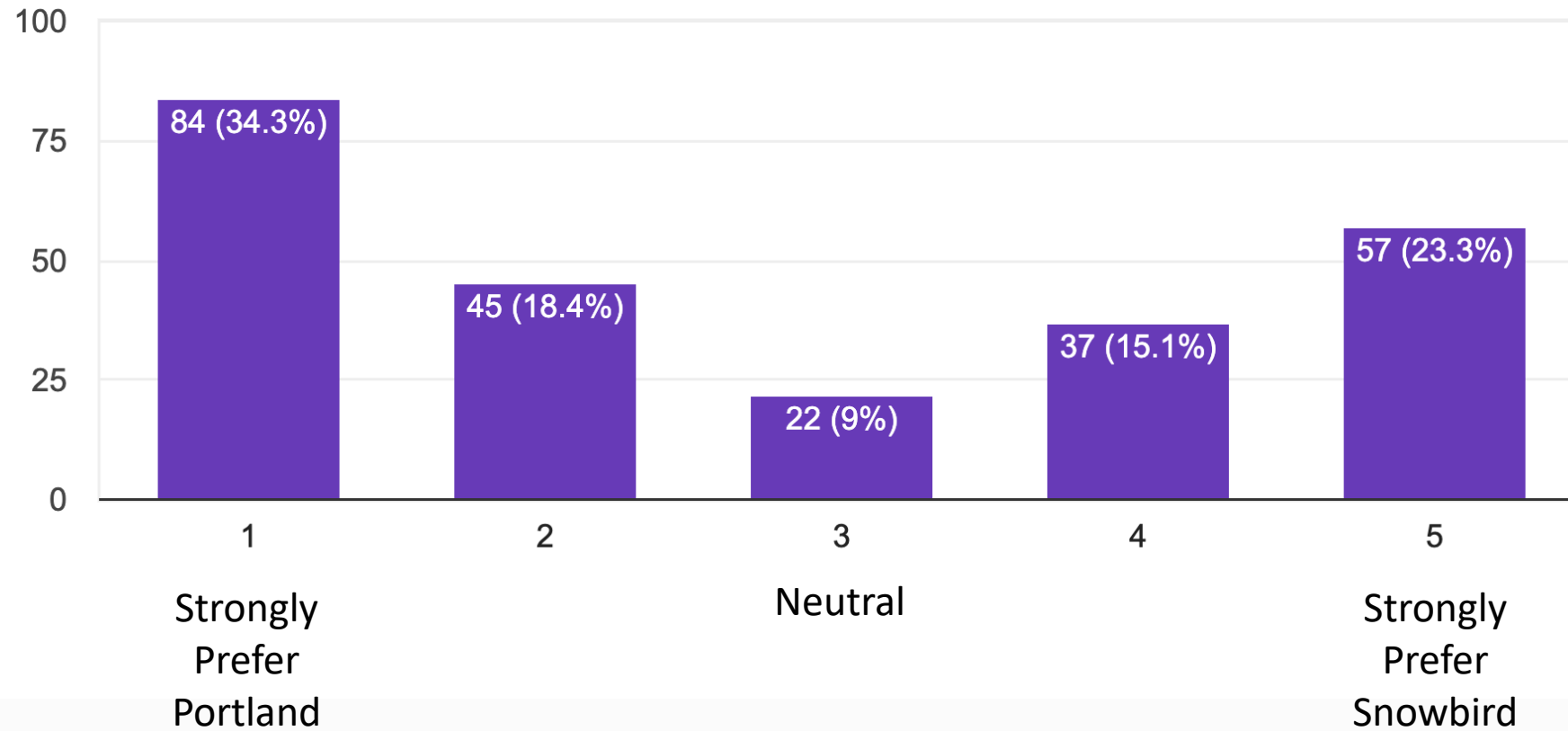
If we want to change this we need to lobby SIAM Leadership!!

DS 21

DS21 Location Preference Survey

Location Preference: Portland vs. Snowbird

245 responses



DS21 will be in Portland, Oregon

SIAM Conference on Applications of Dynamical Systems (DS21) May 23 - 27, 2021

DoubleTree by Hilton Portland | Portland, Oregon, U.S.

#SIAMDS21 →



SIADS

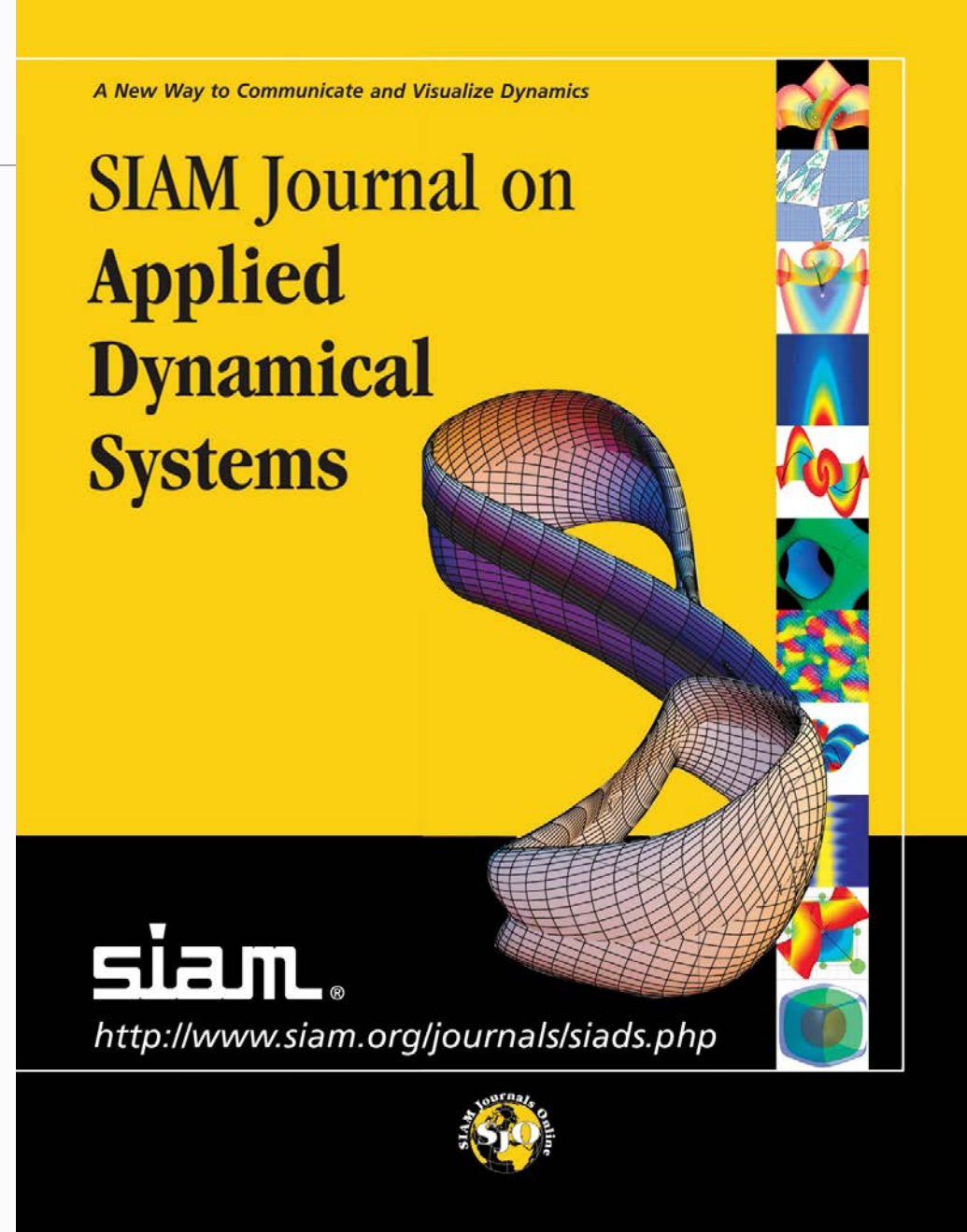
SIADS



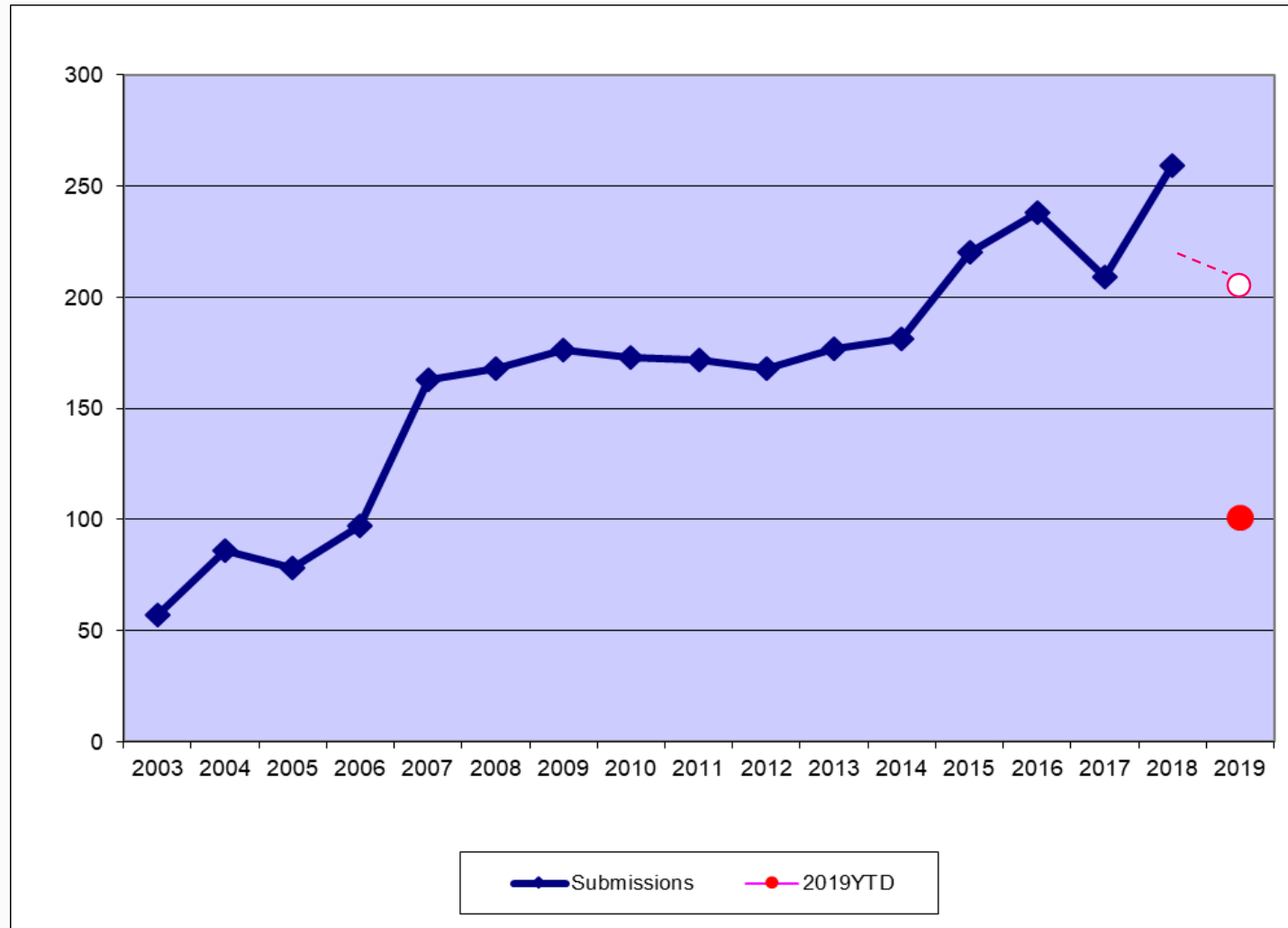
Editor-In-Chief

Evelyn Sander

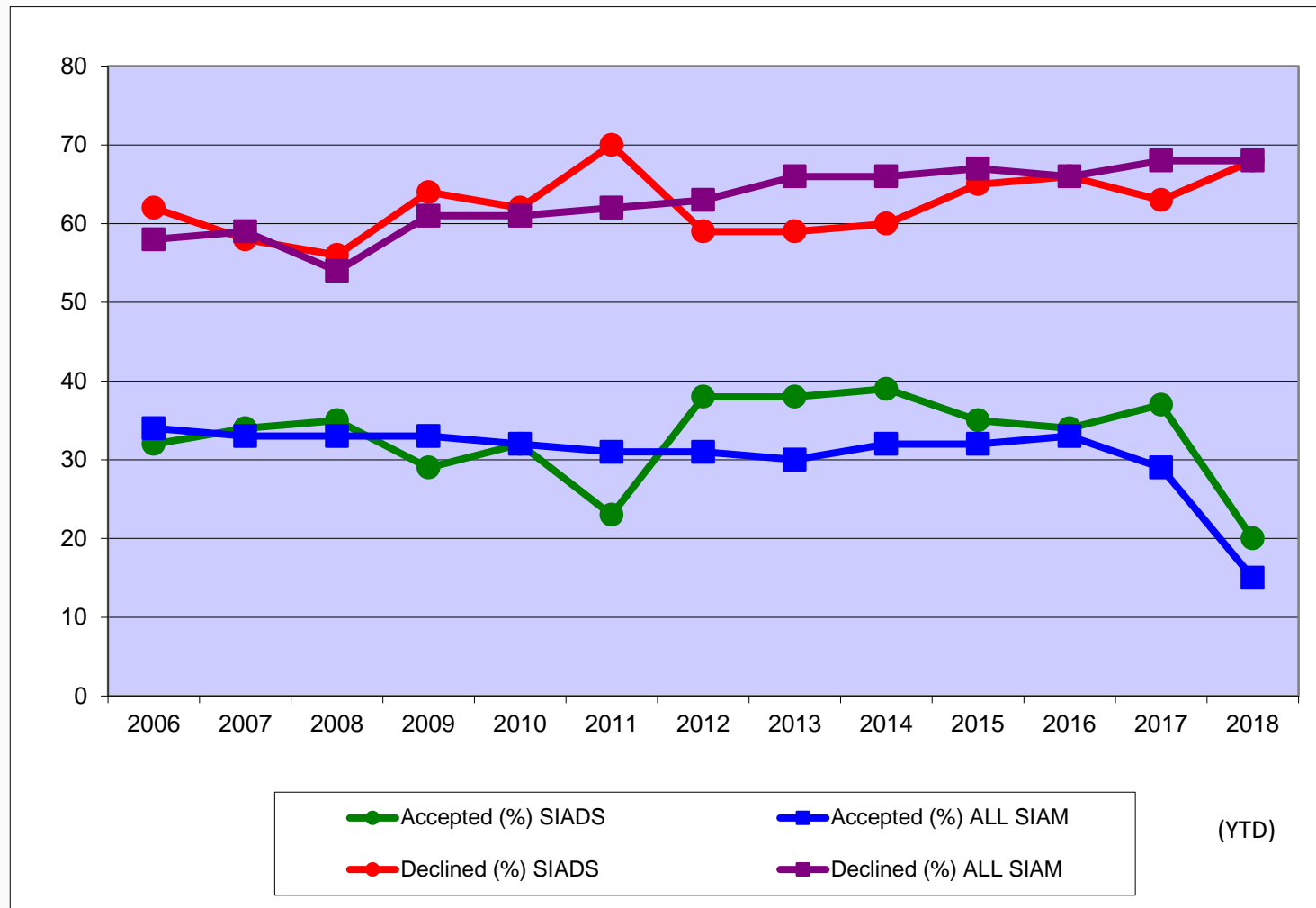
George Mason University



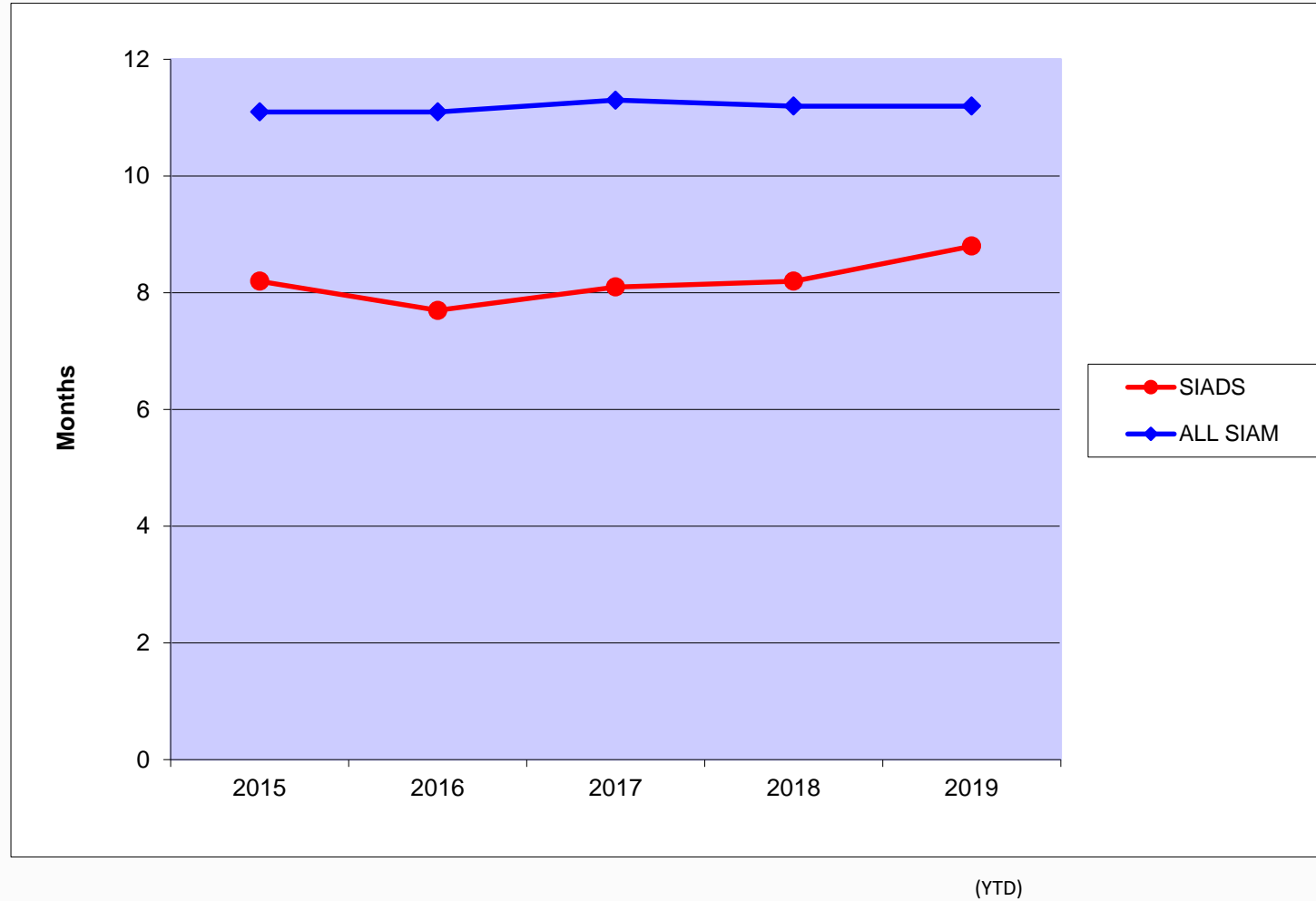
SIADS Submissions



SIADS Percentages Accepted and Declined



SIADS Submission to Acceptance



Submit Today

<http://siads.siam.org/>

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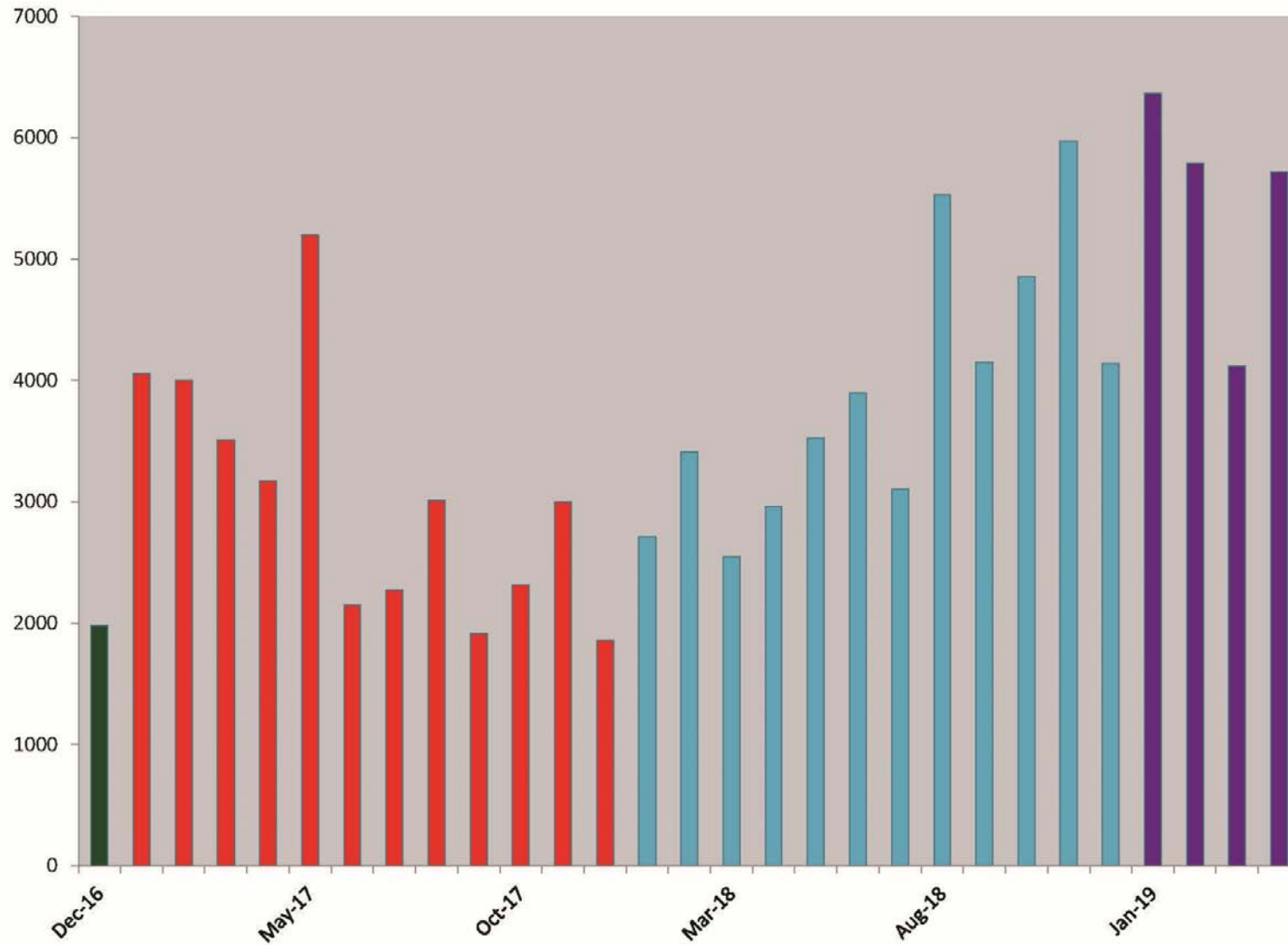
Korana Burke
Section Chief Editor



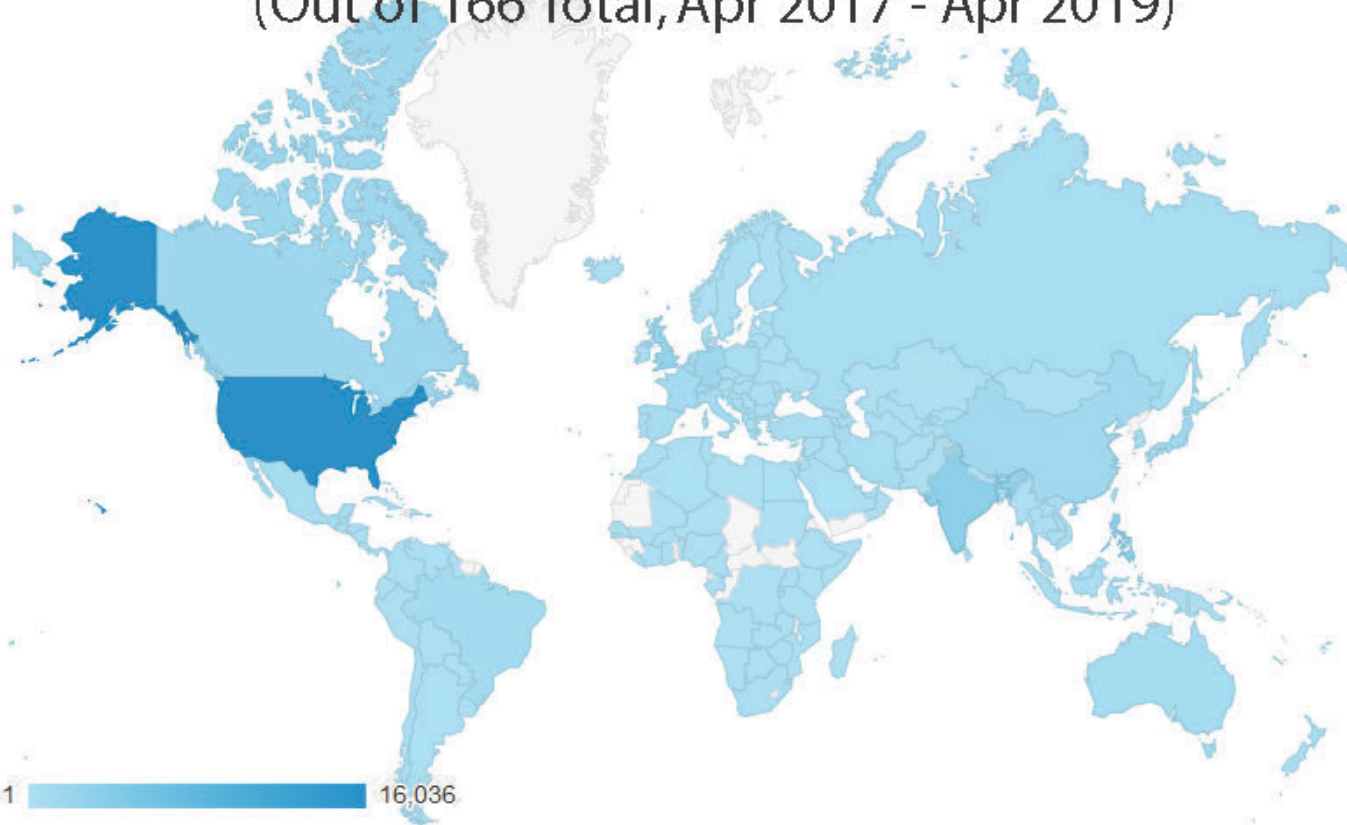
Anna Ghazaryan
Section Chief Editor

The screenshot shows the DSWeb website homepage. At the top, there is a navigation bar with links for HOME, ABOUT THE PROFESSION, MEDIA GALLERY, SOFTWARE, EDUCATION, STUDENTS, ACTIVITY GROUP, and DSWEB LOGIN. Below this is the DSWEB logo and the tagline 'The Dynamical Systems Web'. There are social media icons for Facebook, Twitter, and YouTube, and a 'Login' link. A search bar is located on the right side. The main content area features a 'Dynamical Systems Magazine' section with a speedometer graphic showing 195.1 kph, 500.0 kph, and 1163.3 kph. Below the speedometer is an illustration of three airplanes flying in a blue sky with clouds. The featured article is 'Math in Our Lives: Dynamical Systems' by James Haines, with a sub-headline 'SIAM has released an explanatory video to introduce and briefly describe applied dynamical systems.' Below the article is a 'A Brief Summary' section. To the right of the article is a 'Recently Published Books in Dynamical Systems' section, which lists books by Anna R. Ghazaryan and James D. Meiss. On the far right, there are two sections: 'Submit to DSWeb' and 'Professional Opportunities', which lists several job openings. At the bottom right, there is a 'Conferences and Workshops on Dynamical Systems' section listing events from 5/19/2019 to 7/3/2019.

DSWeb Usage Trend by Month

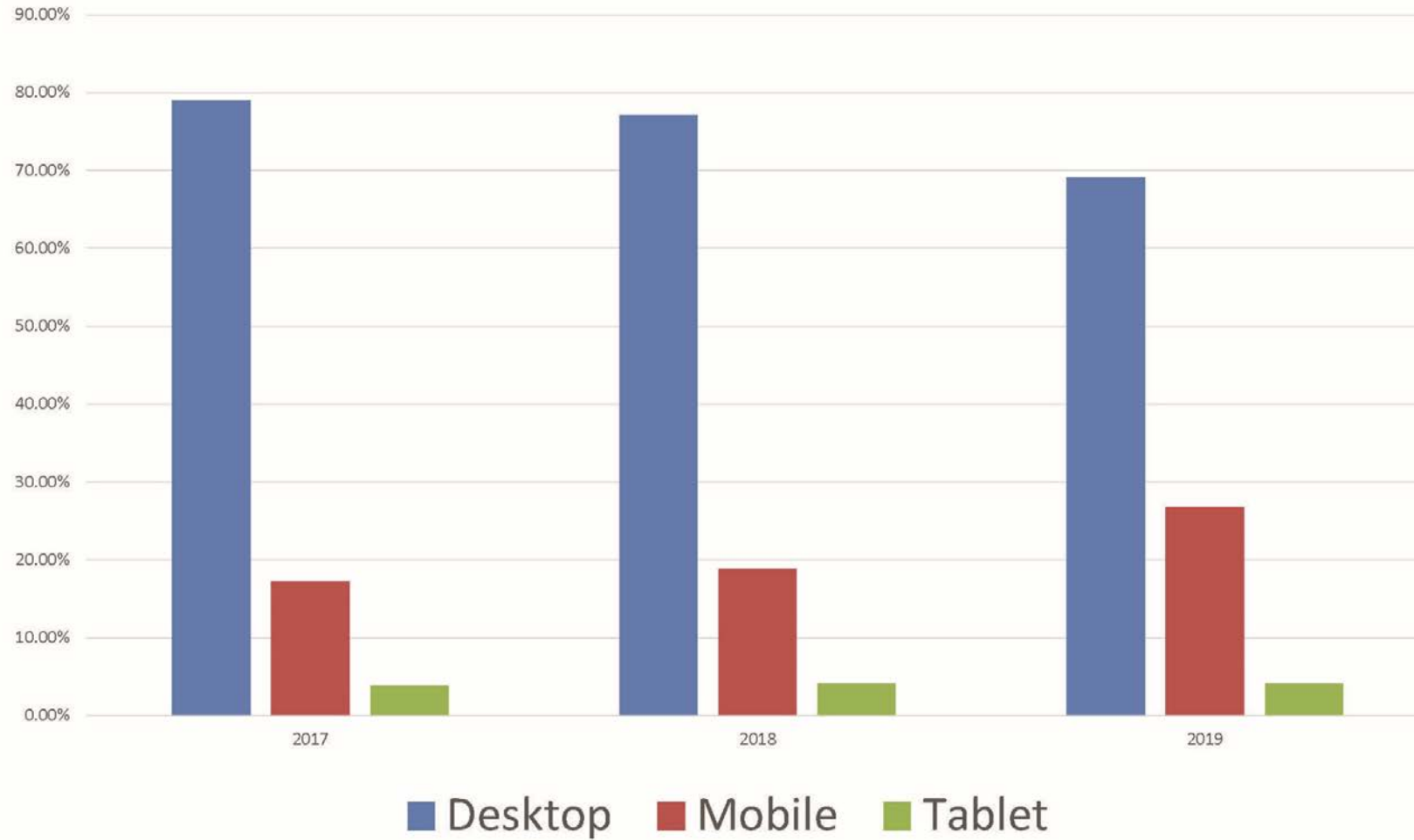


DSWeb Top 20 Represented Countries (Out of 166 Total, Apr 2017 - Apr 2019)



1. United States (16,036)	6. Canada (1,554)	11. Italy (847)	16. Russia (591)
2. India (3,179)	7. China (1,298)	12. Australia (788)	17. Iran (551)
3. Philippines (3,103)	8. Japan (1,135)	13. Spain (758)	18. South Korea (543)
4. United Kingdom (2,423)	9. Brazil (1,001)	14. Mexico (682)	19. Turkey (429)
5. Germany (1,622)	10. France (882)	15. Netherlands (662)	20. Poland (366)

DSWeb Usage by Device Category



SIAM Looking Forward

SIAM Annual Meetings

2019

- No Annual Meeting in 2019
- Supporting 9th International Congress on Industrial and Applied Mathematics (ICIAM 2019)



2020

- Annual Meeting 2020 held jointly with The Annual Meeting of The Canadian Applied and Industrial Mathematics Society (CAIMS)/Société Canadienne de Mathématiques Appliquées et Industrielles (SCMAI)
- July 6th-July 10th, 2020
- Sheraton Centre Toronto Hotel
- Toronto, Ontario, Canada
- Call for participation September 2019

Gene Golub SIAM Summer School

2019 High Performance Data Analytics

June 17th-28th, 2019

Paul Langevin CNRS Conference Center in Aussois, France

2020 Theory and Practice of Deep Learning

July 20th-31st, 2020

AIMS South Africa, Muizenberg, Cape Town, South Africa

2021 Anticipated deadline for submission of Letter of Intent January 31st,
2020

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Benefits of SIAM Membership Include.....

- SIAM Review (Print & Electronic)
- SIAM News (Print)
- 30% Off SIAM Books
- \$15 / Activity Group Membership
- 20% - 30% Off Registrations
- 80% Off Journals (up to 4)
- 95% Off e-Access to Journals
- Spouse may join as Associate Member
- SIAM Unwrapped
- Vote in SIAM Elections
- Eligible to Hold Office
- Eligible for Committee Appointments
- Nominate SIAM Fellows
- Be Nominated as a SIAM Fellow
- Nominate 2 Students for Free Membership
- Eligible for Group Insurance

Other Business

Contacts

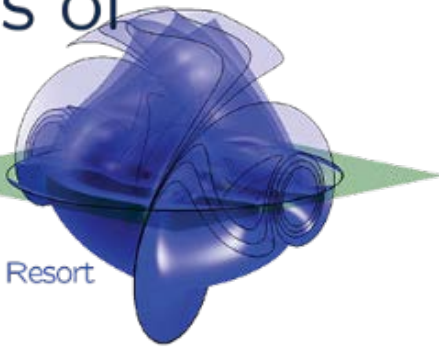
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ajb@hmc.edu

Vice Chair Ira Schwartz
ira.scwartz@nrl.navy.mil

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mason@math.ucla.edu

Secretary Anna Ghazaryan
ghazarar@miamioh.edu

SIAM Conference on
**Applications of
Dynamical
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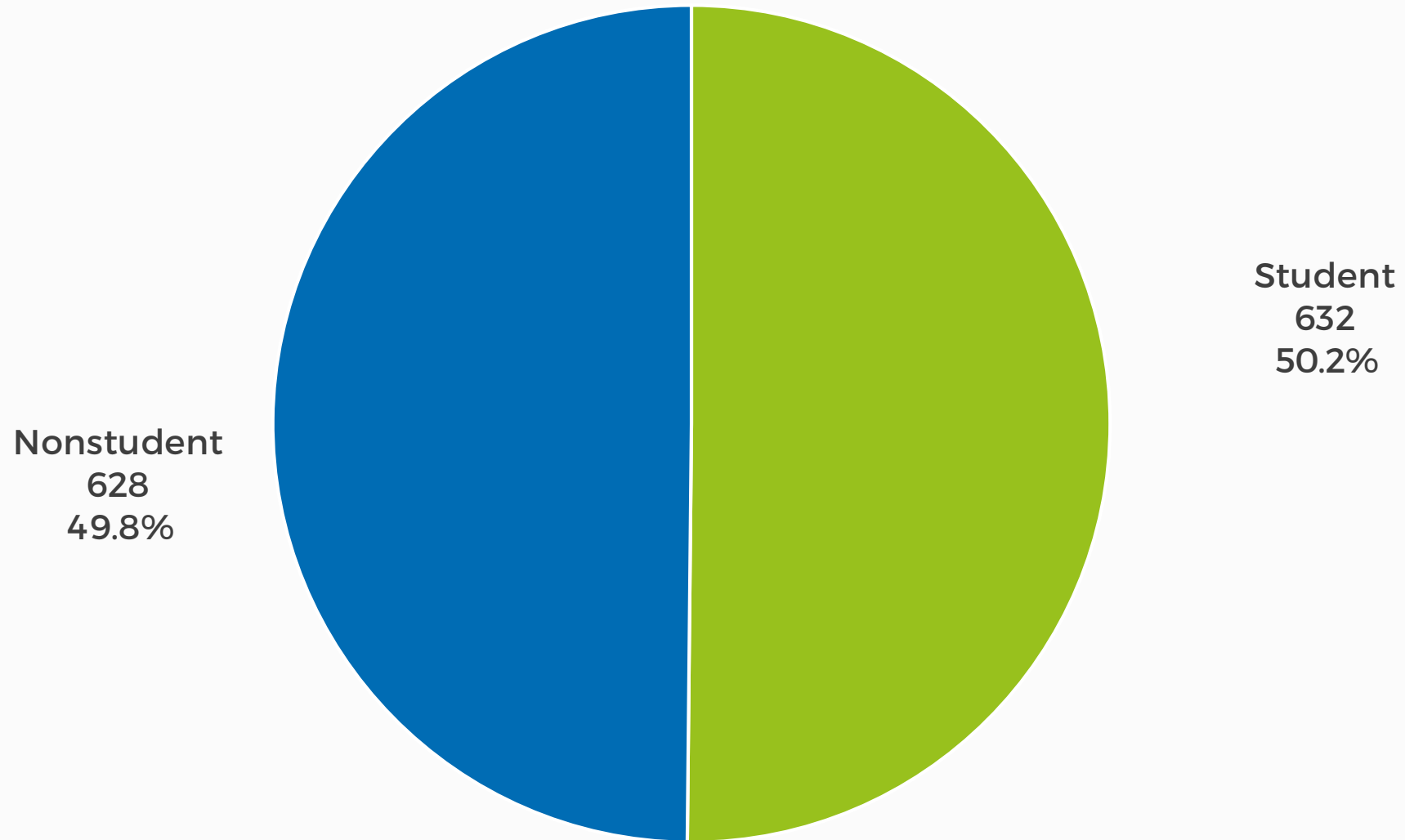


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2019 SIAG/DS BUSINESS MEETING

SIAG/DS Membership Demographics

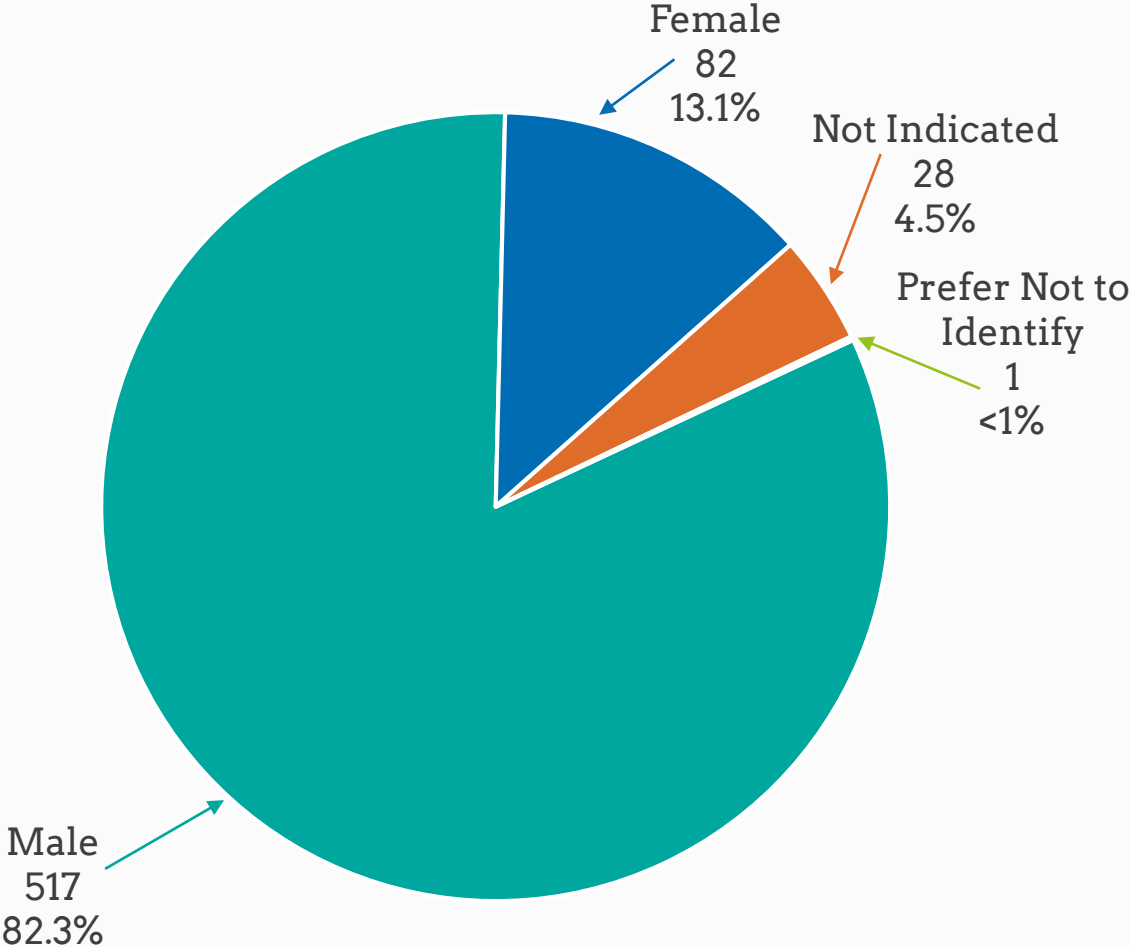


SIAG/DS Membership by Geography

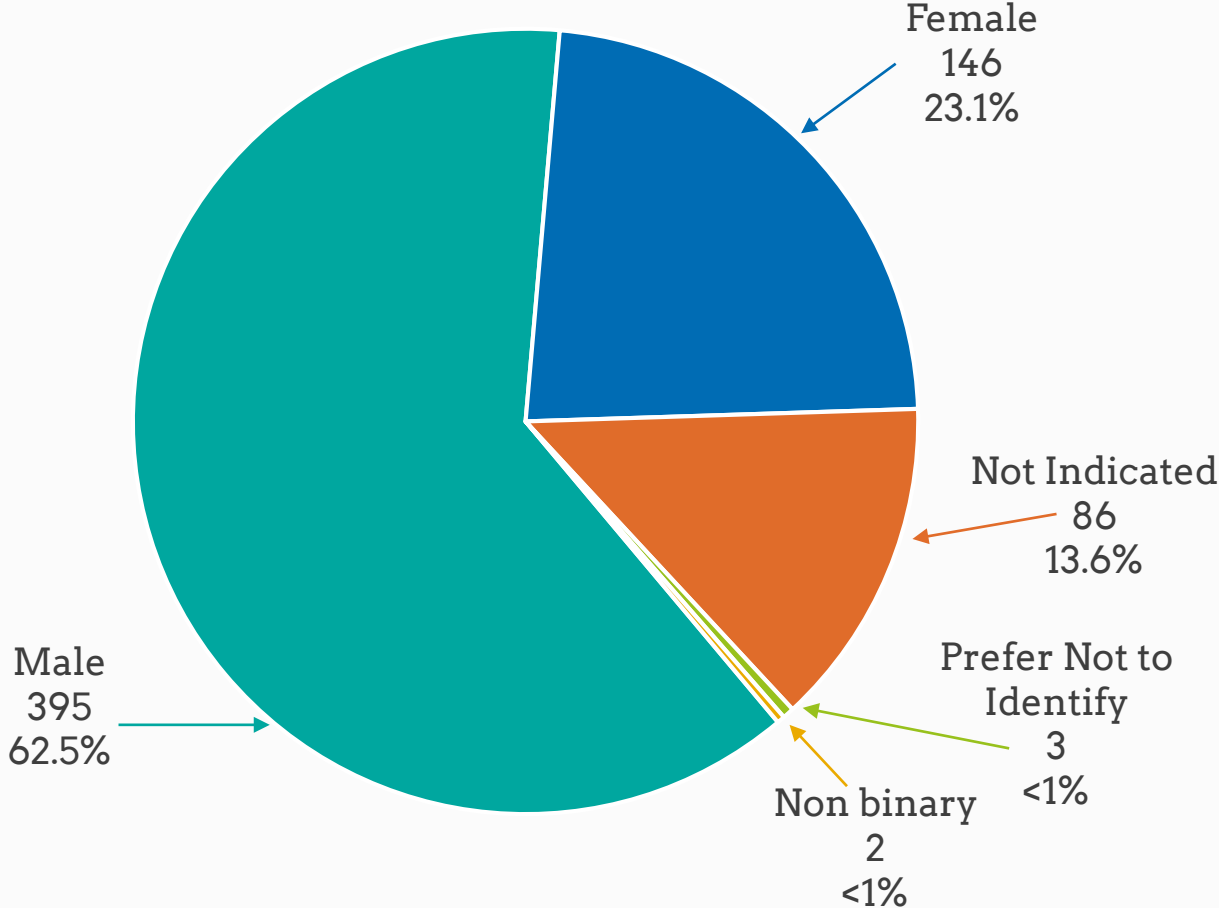
	Nonstudent		Student		Total	
Domestic	398	31.6%	473	37.5%	871	69.1%
Foreign	230	18.3%	159	12.6%	389	30.9%
Total	628	49.8%	632	50.2%	1260	

SIAG/DS Membership by Gender

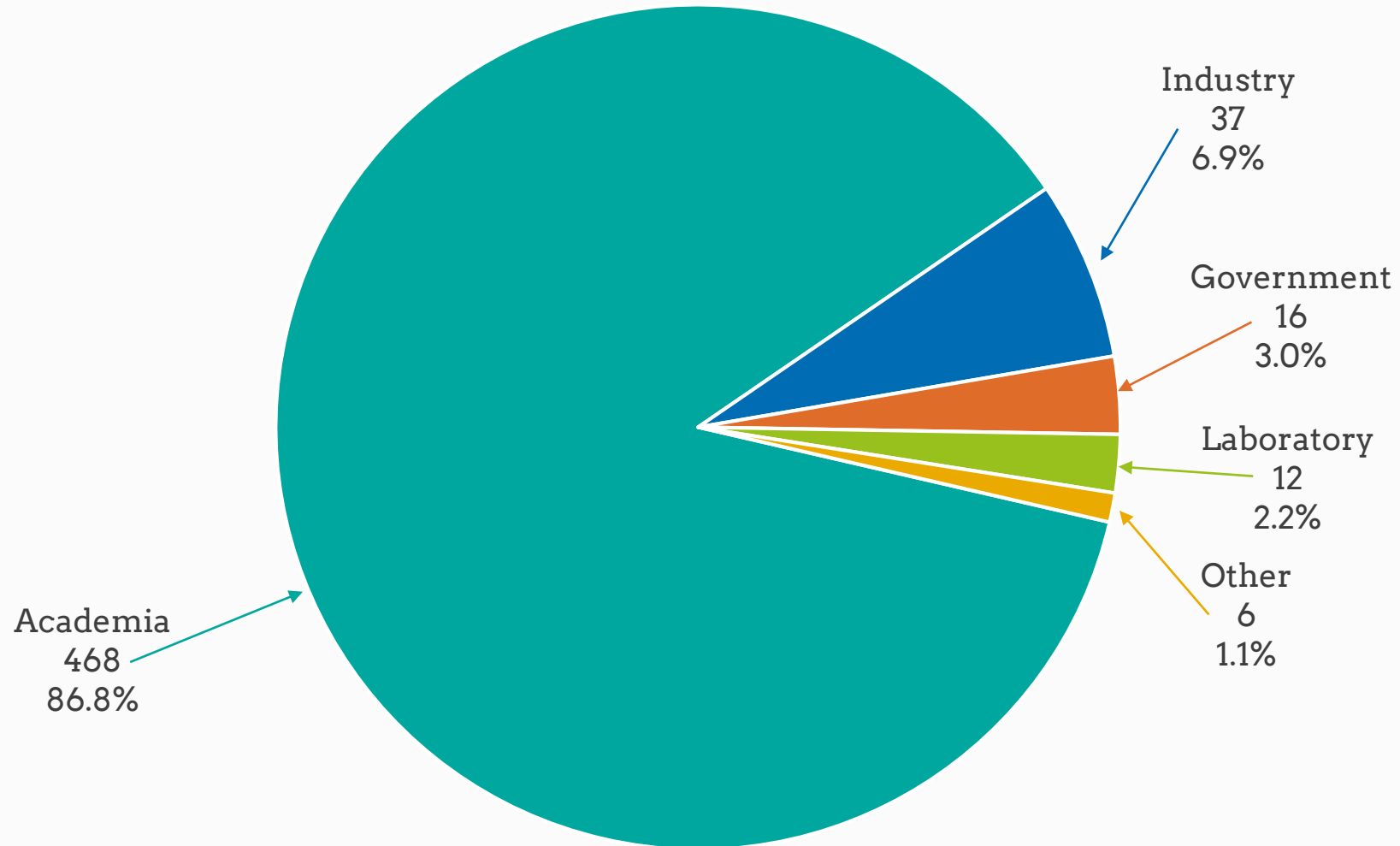
Nonstudents



Students



SIAG/DS Membership by Employer Type



SIAG/DS Membership by Department Type

