

2019 Highlights

Edward McNair

NANOG Executive Director



Thank you

NANOG Staff + Program Committee + Board + Sponsors For making this virtual meeting a reality

Inspiring, educating, and empowering our community

We made significant progress made in 2019 + beyond:

Building community and promoting openness

Highlights of 2019 Annual Report

NANOG Stories — Featuring our innovative community

NANOG TV — The latest Internet technologies + industry best practices, all in one place.





2019 Annual Report

Through NANOG's first-ever annual report, we hope to provide even greater insight and transparency into our achievements and operations over the past year:

- NANOG Community
- Education
- Outreach
- Events
- Sponsorship
- Financials



WORKING TOGETHER, FOR THE INTERNET OF TOMORROW

NC

emmitted to the ongoing advancement of an open, secure, internet, by providing a platform that inspires, educates, ers our community to work together in building the Internet

VALUES

n working together to meet the ever-changing demands of work, while upholding our shared values of:

nity

n

etings, events, scholarships, fellowships, digital spaces, and rks, we offer multiple ways for our community to:

d learn from other professionals or studying in their field.

e latest Internet technologies, and industry best practices.

ucial peering arrangements.

technical challenges faced by the industry.

eaningful conversations about

npacting their daily lives.

ategic business relationships, and ips with like-minded peers.

INCLUSIVE, ADAPTABLE, AND FULL OF DIVERSITY

NANOG

The ecosystem we're building can handle nearly anything. With 86 nonprofit NOGs now in every major region of the world, NANOG was the first — and is still the largest.



LE IN OUR COMMUNITY

Ps of all sizes, content providers + multi-tenant data centers, and companies.

e top engineering + computer science programs in the US.

S WITH EMPLOYEES WHO ARE ACTIVE IN OUR

- Juniper
- Microsoft
- Netflix
- Nokia
- Twitch
- Twitter
- Verizon

WE MADE SIGNIFICANT PROGRESS IN 2019

Over the past year, the NANOG Staff, Board of Directors, and Committees successfully spearheaded improvements to some of the most critical aspects of our mission.



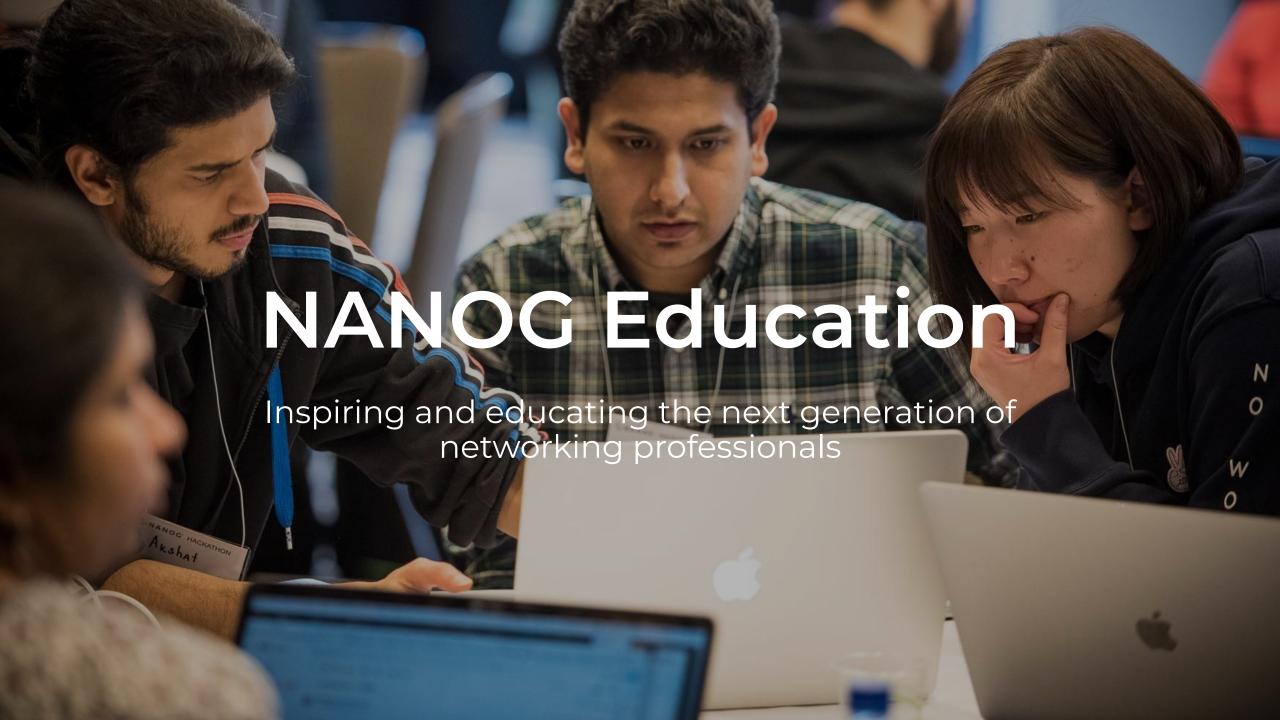


WORKING TOGETHER, FOR THE INTERNET OF TOMORROW 37 COMMUNITY **AMBASSADORS SPONSORSHIP PARTNERS** CONFERENCE ATTENDEES **OUTREACH PROGRAM PARTICIPANTS COLLEGE IMMERSION PARTICIPANTS SCHOLARSHIP** RECIPIENTS 2019 Annual Report

NORTH AMERICAN COMMUNITIES WE'VE SERVED IN 2019







WORKING TOGETHER. FOR THE INTERNET OF TOMORROW

the recipients of ctoral program at University of he to direct all of my heer development in the

Sydney PughUniversity of Pennsylvania

62 STUDENTS 4 UNIVERSITIES

2019 NANOG College Immersion Program

The NANOG College Immersion Program (NCI) allows students to connect with Internet tech professionals to gain a competitive edge, while they're still in school, and provides college educators with complete funding to bring up to 5 students to a NANOG conference.

62 students from 4 universities attended NANOG conferences as part of the NCI program in 2019:

- · University of Colorado Boulder
- · Ball State University
- · George Mason University
- Clarkson University











ecause I learned classroom.

Caleb Truax III Ball State University

NANOG STEM + Community Engagement

December 5-6 / Montgomery, Alabama

Two days of STEM-focused talks, lunch and learn sessions, and community meetings regarding industry trends and careers in Internet technologies.

Schools + Orgs Visited

- Montgomery Chamber of Commerce
- Tech MGM
- MGMWERX
- · Trenholm Air Force Base
- · Auburn University at Montgomery
- · Alabama State University
- · Valiant Cross Academy
- · Air Force University
- · Air University Wargaming Institute
- · Booker T. Washington Magnet High School

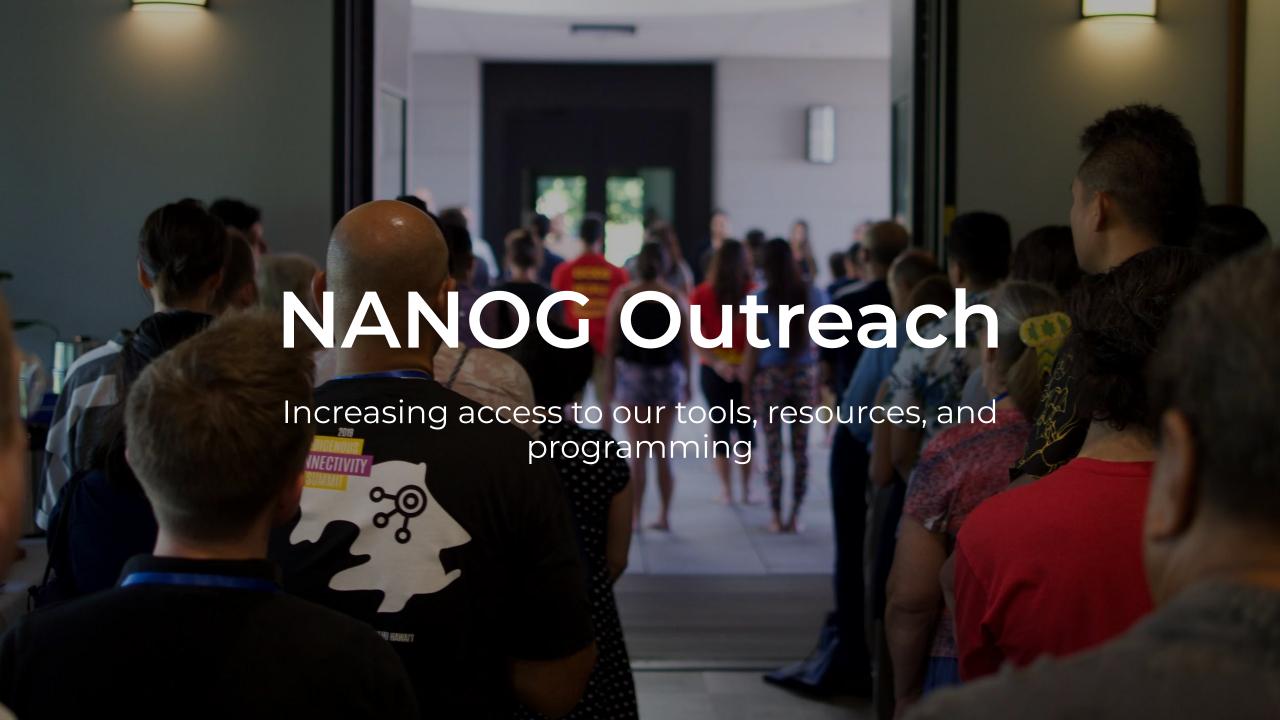




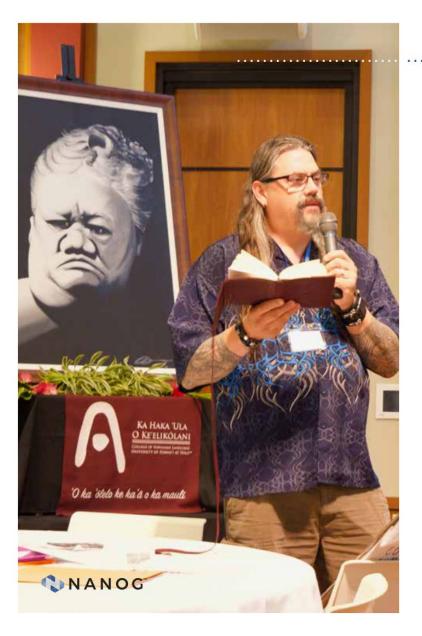












ISOC Indigenous Connectivity Summit

November 12-15 / Hilo, Hawaii

Two days of technical training centered on building the skills and capacity needed to launch a community network, followed by a conference focused on building partnerships, advocating regulatory changes, and sharing success stories of community networks across North America.

Nonprofit orgs within NANOG's Internet ecosystem

Representatives from NANOG gathered at the annual meetings of three like-minded organizations in our community who are dedicated to supporting networking engineering, operations, and architecture.

RIPE 78: May 20-24, 2019

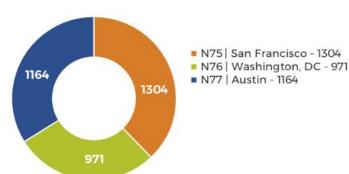
IETF 105: July 16-20, 2019

ICANN 66: November 3-8, 2019

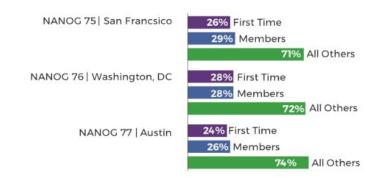


2019 NANOG MEETINGS, AT A GLANCE

2019 Meeting Attendance



2019 Meeting Attendance



n by Organization Type

Registration

Non-Member - 562

ne a Member - 40

Member - 281

Sponsor - 196

Speaker - 27

Student - 9

NCI - 16

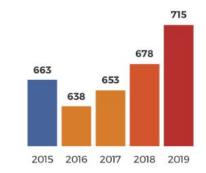
Staff - 23

Press - 1

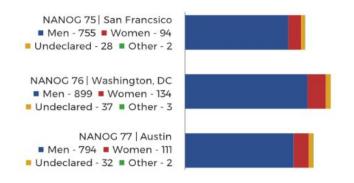
Total - 1,164



Membership Trend



2019 Meeting Attendance by Gender





G 77 - Austin, TX

nmunity-wide gathering was held October 28-30 2019, in the JW Marriott in Austin. The NANOG 77 Hackathon took ober 27, 2019.

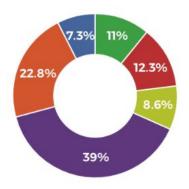
1,164 **TOTAL ATTENDEES**

364 **MEMBER** REGISTRATIONS

STUDENT REGISTRATIONS

SPEAKERS

NANOG 77 Organizational Demographics



- Data Center/Colocation 11%
- IX Operator/Network Operator - 12.3%
- Non Profit (Gov't/Education/ Research/Organization/RIR) Service - 8.6%
- Provider (Cloud/Internet/ Content/Consulting) - 39%
- Vendor (Equipment/Software/ WebServerHosting) - 22.8%
- Other 7.3%

Organizations with greatest attendance

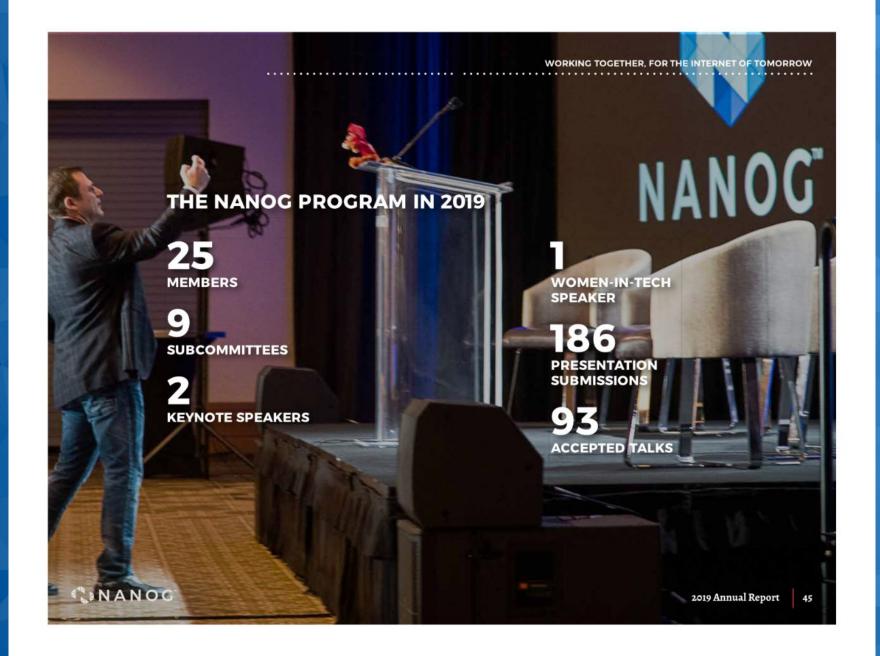
- · Juniper 29
- NTT 29
- · Verizon 24
- Ciena 19

- · Nokia 8
- ARIN 16
- Facebook 16





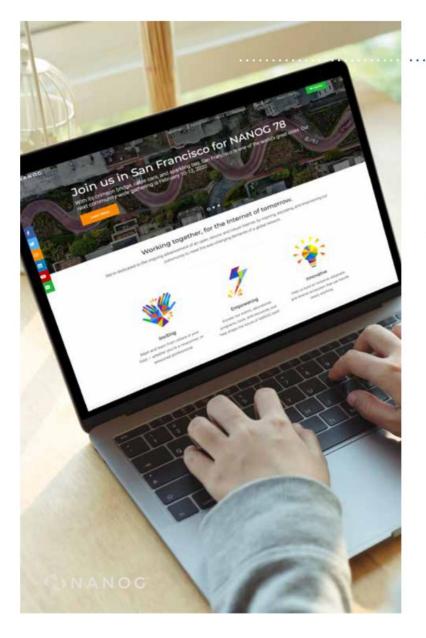




NANOG Identity, Marketing, Social Media

Engaging new audiences and inspiring change





NANOG.ORG

Developed a digital marketing strategy to boost SEO, increase brand awareness, and drive further engagement on NANOG website + social media channels:

- 14 new features since June, 2019
- · New content 2-4 times per month
- Ongoing updates to NANOG News feed
- · Press release creation and dissemination

Users since launch in June, 2019

35,095

Total page views

125,955

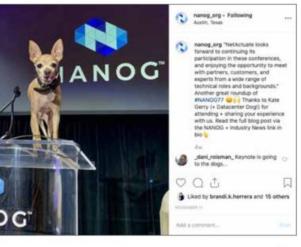
Users per month

7,786

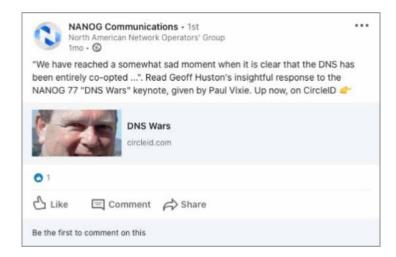
Page views per month

25,659





LinkedIn



1,123 NEW FOLLOWERS

2,300 TOTAL



NANOG Sponsorship

Forming partnerships to empower and inspire

ent of Activities

31, 2019 Activities:

p Dues	66,276
onsorship	1,864,766
es	
rams Income	45,000
d Dividend Income	113,393
onsorship	68,400
evenues	. \$3,854,462
ervices Expense	
	2,604,099
grams	662,508
ogram Expense	. \$3,266,607
Service Expense	
nent and General	572,503
abilities and Net Assets	\$572,503
penses	\$3,839,110
Net Assets from Operating Activities.	145,352
ing Activities	
tment Return	202,706
Net Assets	218,058
Beginning	4,397,055
Same 1 - 27 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	



FORMING PARTNERSHIPS TO **EMPOWER AND INSPIRE**

By working directly with like-minded companies, organizations, and educational institutions to help support NANOG's tri-annual conferences, special events, outreach programs, and initiatives dedicated to education and professional development.

Over the past year, we introduced new tools + restructured the sponsorship program to create greater clarity and ensure seamless event-planning for our partners.

NANOG SPONSORSHIP IN 2019

\$1,895,766

Dollars In Sponsorship Support

+ \$3,401 Since 2018

157 Sponsorship Partners

16 **New Sponsors** 5

Platinum

24

Beer 'N Gear

New Ways to Sponsor: Women + Diversity In Tech Lunch Network Lounge

NANOG Financials

Committing to greater openness and transparency





COMMITTING TO GREATER OPENNESS AND TRANSPARENCY

NANOG is dedicated to providing an enjoyable and educational experience for everyone in our community, including the NANOG staff and volunteers.

Ethical transparency is also critical to our core values as a nonprofit organization. We believe that all members of our community should have a clear view of how NANOG operates, and the opportunity to play a role in our continued evolution.

Over the past year, we made significant improvements to accounting and human tools + resources, including:

- Hiring a full-time staff member dedicated to accounting and HR who also serves as a liaison to the NANOG BoD — to help ensure we remain open, transparent, and profitable.
- Creation of a unique Meeting Data Tool to help us forecast trends, better determine our organizational health, and provide greater transparency to our community.

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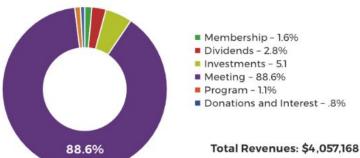
FINANCIAL HIGHLIGHTS

These financials reflect the improved process, resulting in more practical, informative, yet easy to follow reports.

2019 Financial Highlights

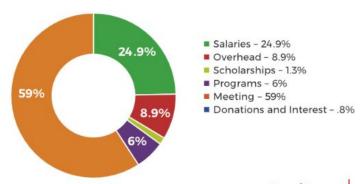
- · Sponsorship Income: \$1,945,766
- · Registration Income: \$1,696,627
- For the last 2 years registration income represented 47% of Total income
- Savings and Investments: \$4,774,547
- Fidelity investments are conservative (mostly corporate bonds and dividend stocks)

2019 Revenue



Total Expenses: \$3,839,110 Change in Net Assets: \$218,058

2019 Expenses





Amplifying the voices in our community

NANOG Stories + NANOG TV

NANOG Stories

Stories featuring our dynamic community: nanog.org/stories

Promoting diversity + access in Internet tech: https://www.nanog.org/stories/diversity-and-access-internet-tech

Making the most of a virtual conference: https://www.nanog.org/stories/ten-tips-virtual-conference

The 'cyber warrior' for Tribal broadband who's helping transform Indian Country:

https://nanog.org/stories/tribal-broadband-access



NANOG TV

Hours of curated presentations on the latest Internet technologies + industry best practices, all in one place:

Top Talks: The most-watched videos on NANOG's YouTube Channel.

Working From Home: A series of presentations + panels to keep you inspired.

From the Archives: Throwback to presentations from NANOG 16 and beyond.





Community Feedback

Our success depends on the collective expertise of the NANOG community to help direct and shape the organization in service of our mission.

We'd love to hear your insights, ideas, or concerns. Share yours at:

feedback@nanog.org



e, and robust Internet, by eet the ever-changing





Thank you

NANOG Bylaw Change Special Election (Board Terms)



Key Dates

- June 15 Announcement on Website and Member Mailing List
- July 20-22 Voting will be open
- July 23 Results will be announced



Program Review & Closing

Vincent Celindro

NANOG Program Committee Chair

N79 Program Review

- 20 Talks
 - 2 Keynotes Tom Daly and Scott Bradner
 - 2 Panels Networks' response to Covid-19, and RPKI
 - o 16 Talks New technology, security, automation, and more
 - Return of BoFs at N79
- PC Reviewed 53 talks some we will see at NANOG 80!



N79 Considerations

- Remote-only meeting
 - Abridged program mitigating distractions
 - Keeping sessions to 60 min
 - Tutorials 90-120 min?
 - Time-zone differences + total daily program length



NANOG - Remote Participation

- Remote participation component going forward
 - Both attendees and speakers will be able to participate remotely
 - Opens the door to wider audience, more speakers and content
 - 3 speakers gave presentations for N79 while being international
 - Format evolving, multiple tracks, what would you like to see
 - Return to in-person conferences -> hybrid mix
- Feedback & Surveys
- Submit your talk now for a future NANOG



Questions & Answers



Thanks to our NANOG 79 Virtual Host



American Registry for Internet Numbers

Thanks to our Diamond, Platinum, and Gold Sponsors



















Thanks to our NANOG 79 Exhibitors

























Special Thanks to

- NANOG members
- Board of Directors and Program Committee
- Staff: Valerie Wittkop, Dé Harvey, Shawn Winstead, Leigh Brooks, Claudia Bristol, and Brandi Herrera
- Contractors: Digitell, Inc.
- HGMP Allison Renard, Kristen Perry, and Michelle Lee



See you in October



