



AMATEUR RADIO DIGITAL COMMUNICATIONS

ARDC Community Call

29 January 2022

Agenda

- Housekeeping
- New Staff
- New GAC and TAC Members
- 2021 Recap
 - 2021 Grants
 - Staff/Board Meeting
- Looking forward to 2022
 - Values
 - ARDC at Hamcation, QSO Today, Hamvention, more
 - Updated grants process
 - More in 2022!
- Q+A!

Housekeeping

- This video is being recorded!
- Q+A: Type Questions in the chat window
- All materials will be posted after the call

Staff and Volunteer Updates



AMATEUR RADIO DIGITAL COMMUNICATIONS

New Staff



Chelsea Párraga – *KF0VYJ*
Grants Manager



Dan Romanchik – *KB6NU*
Communications Manager

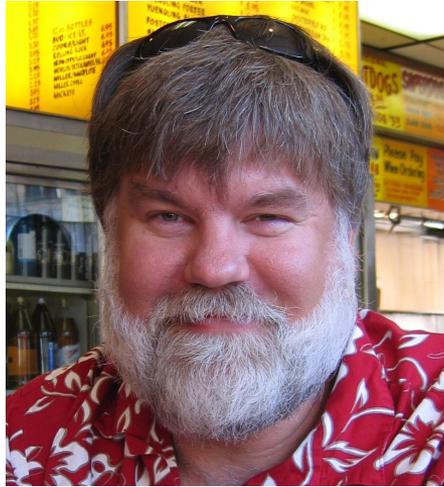


John Hays – *K7VE*
Outreach Manager



Merideth Stroh – *KK7BKI*
Administrative
Coordinator

New Staff



Bdale Garbee – *KB0G*
Treasurer, Accounting Director
(Temporary)



AMATEUR RADIO DIGITAL COMMUNICATIONS

2021 GAC & TAC

Grants Advisory Committee

Chair: John Hays – K7VE
Dewayne Hendricks – WA8DZP
Douglas Kingston – KD7DK
Hank Magnuski – KA6M
Steve Stroh – N8GNJ
Bob Witte – K0NR
Renzo Rossi – IW0SAB

Technical Advisory Committee

Chair: Jann Traschewski – DG8NGN
Pierre Martel – VE2PF
Tim Požár – KC6GNJ
Adam Lewis – KC7GDY
Antonios Chariton – SV2OIY
Caleb Pal – KD7KAB

2022 GAC & TAC

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Chair: Bob Witte – K0NR
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Douglas Kingston – KD7DK
Hank Magnuski – KA6M
Steve Stroh – N8GNJ
Brian Mileschosky – N5ZGT
Leandro Indrusiak – 2E1LSI
Randy Neals – W3RWN
Don Prosnitz – N6PRZ
Dave Pascoe – KM3T

Staff Lead: John Hays – K7VE

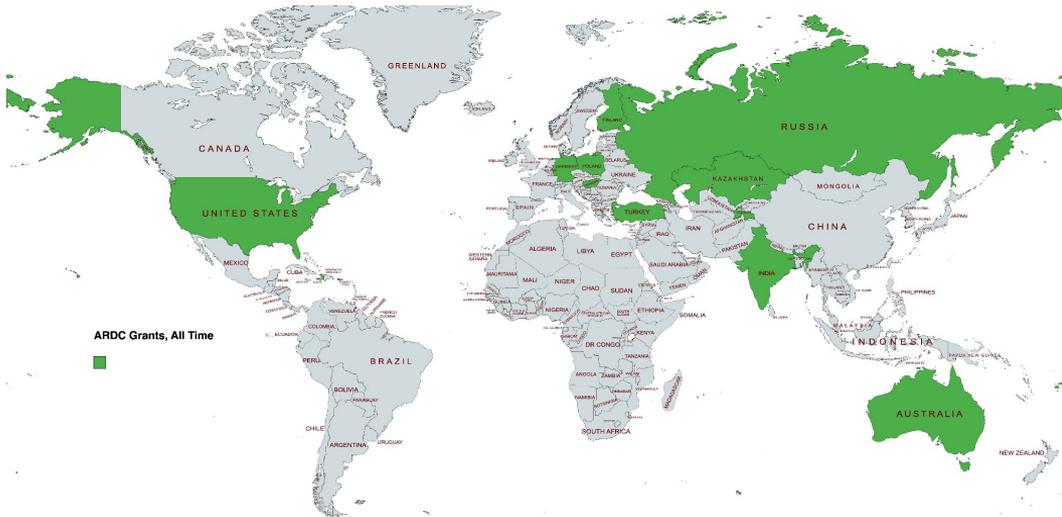
Technical Advisory Committee

Chair: Pierre Martel – VE2PF
Tim Požár – KC6GNJ
Adam Lewis – KC7GDY
Antonios Chariton – SV2OIY
Caleb Pal – KD7KAB
Zachary Seguin – VA3ZTS
Rob Janssen – PE1CHL
Paul (Chip) Eckardt – W9OQI

Staff Lead: Rosy Schechter - KJ7RYV

Community Ambassador:
Jann Traschewski - DG8NGN

2021 Recap



Grants & Gifts

Number of people directly impacted (all time):

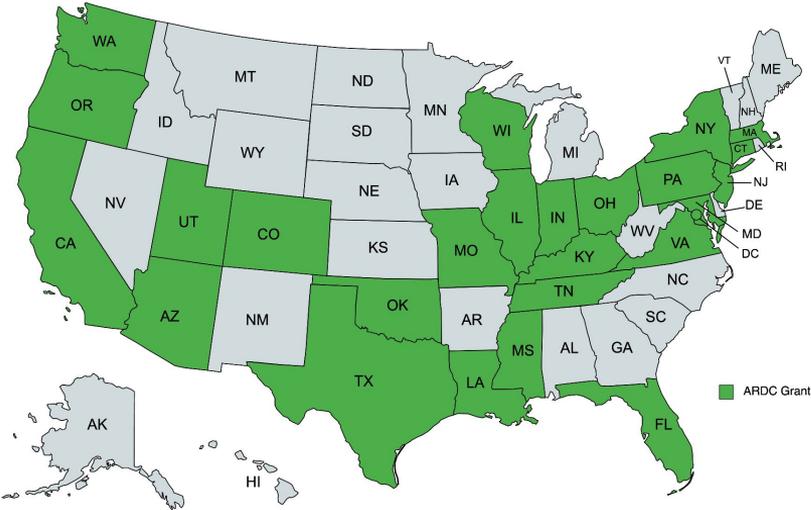
55,682 People

Grants made in 2021:

61 Grants

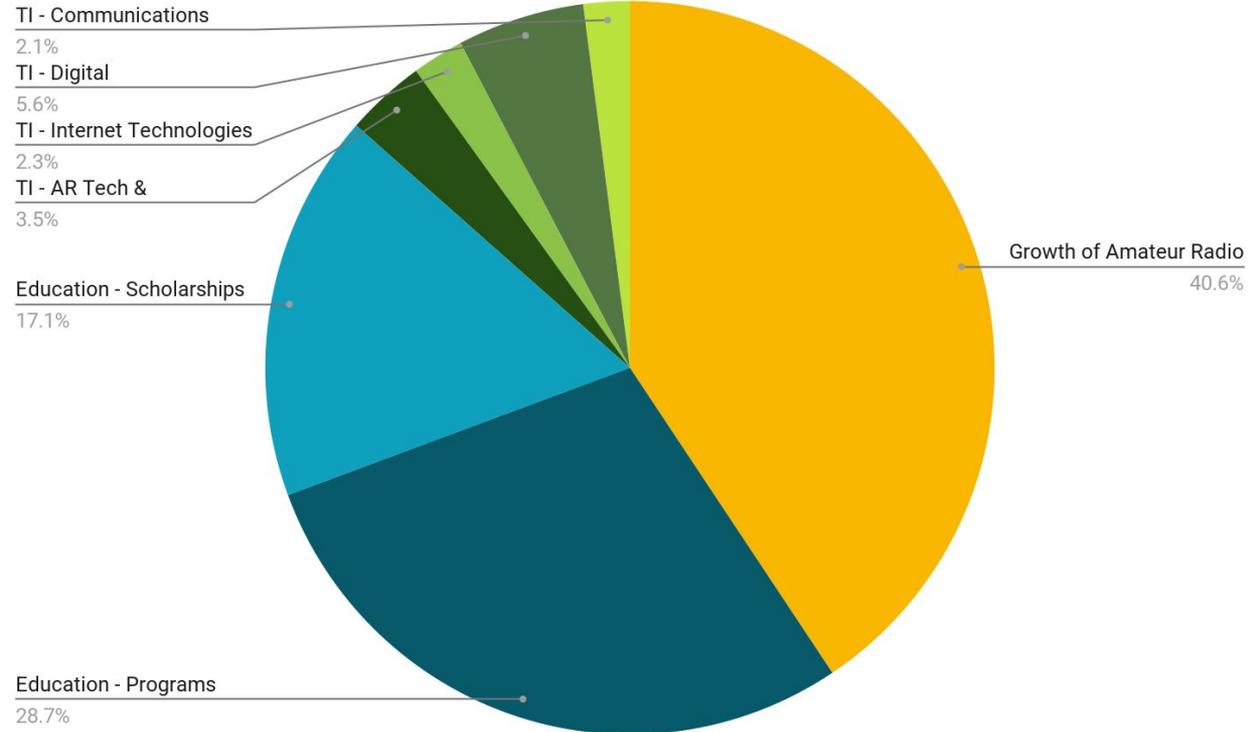
Dollars distributed in 2021:

\$9,049,179



Grants by category

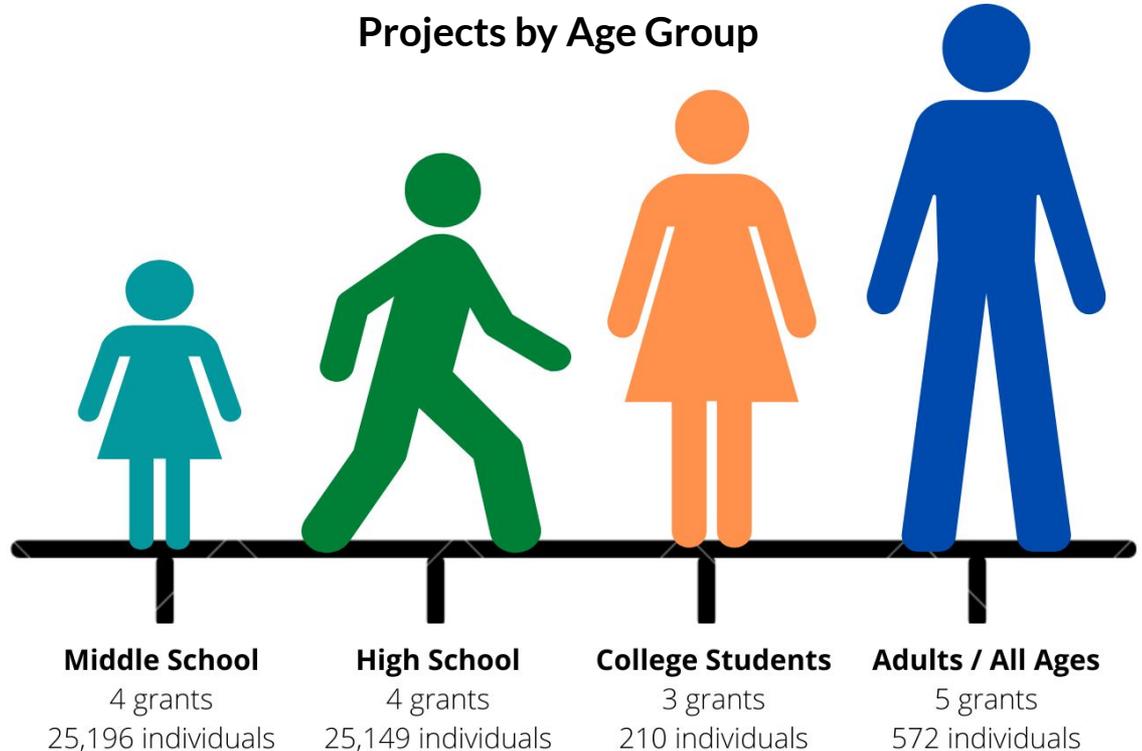
Category	Dollars	#
Growth of Amateur Radio	\$3,668,640	29
Education - Programs	\$2,593,403	17
Education - Scholarships	\$1,546,686	5
TI - Amateur Radio Technology & Experimentation	\$319,053	2
TI - Internet Technologies	\$206,687	2
TI - Digital Communications	\$509,153	4
TI - Comm. Science and Technology	\$181,288	2



Education Impacts

- 2021 Scholarships will go to ~98 students
- Education programs will impact at least 51,127 people
- Popular education topics include space, engineering, computer programming, and amateur radio
- Popular education methods include hands on activities, mentorship programs, and games
- 68% of these programs target underrepresented groups in amateur radio, with the most commonly affected group being young women

Projects by Age Group

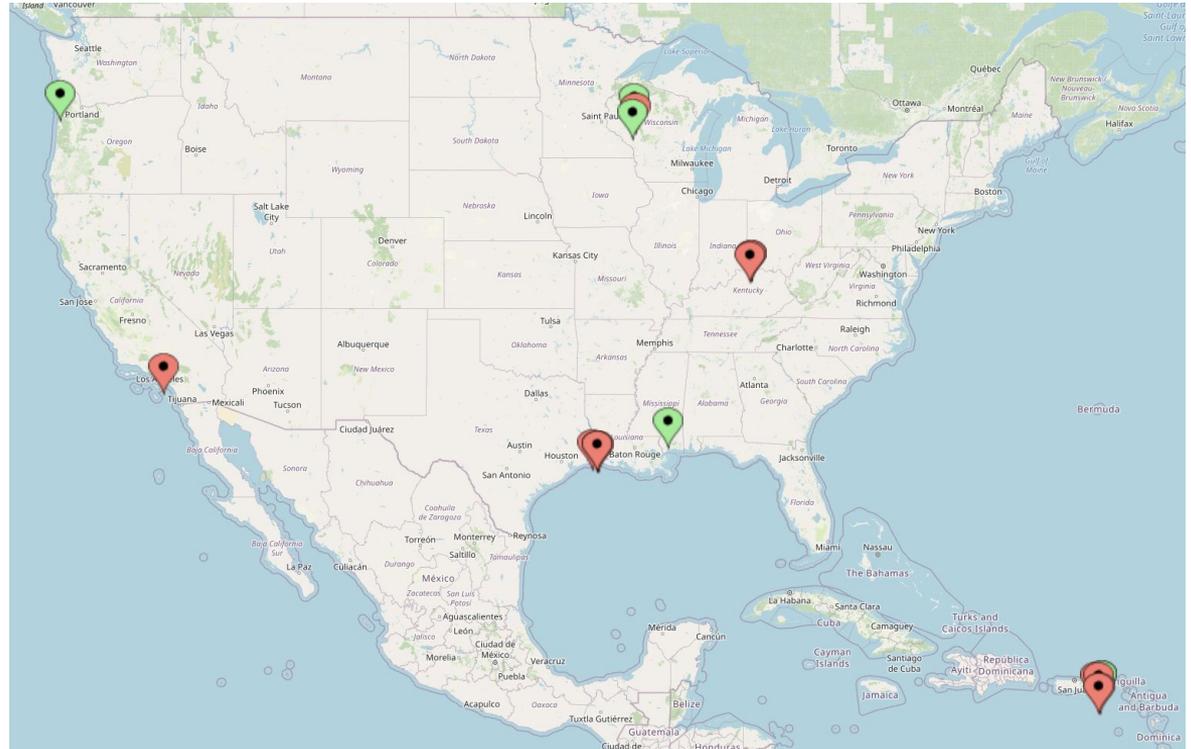


*Number of grants includes duplicates

**The 5-year ARISS STEREO Project will impact 50,000 students globally in grades 6 -12.

Supporting Amateur Radio

- Equipped 7 new Emergency Communications vehicles
- Grantees plan to gift or loan up to 520 radios to newly licensed hams
- Total number of club projects: 27
- Total number of university projects: 8



Newly built repeaters are mapped in green, while repairs and upgrades are mapped in red.

2021 Grant Projects

Software Freedom Conservancy - Outreachy

- 92% of the 125 participants completed their internship.
- Of Outreachy alums who were employed, 94% of them are employed in tech. 34% of alums were employed by an Outreachy sponsor.

Hoopa Valley Tribe

- Provided infrastructure to bring broadband access to 3500 Hoopa Valley Tribe residents.
- This project produced a [case study](#) on considerations and broadband strategy for other communities to learn from.

YASME - Reverse-beacon network (RBN) nodes

- Worked with HamSci researchers to distribute 15 reverse-beacon network (RBN) nodes to underserved areas of the world.



Olivia Lee, age 17, was the Second Place winner in the Intrepid DX essay contest winner. She received a Yaesu FT65R radio.

2021 Grants



Franky Bonte, KE8HPA, is one of ARDC's many scholarship recipients.



The M17 Project is developing a completely open source digital communications protocol.



The Julia Robinson Mathematics Festival is creating easy-to-understand and accessible educational materials with a wireless communication theme.

Applicant & Grantee Feedback

Applicants typically spend **30 hours** on an application, ranging from 5 to 96 hours

Positive Feedback	Constructive Feedback
<ul style="list-style-type: none">● Ease and clarity of applications● Staff's customer service● Speed of process● "I cannot imagine how it could be improved. The process was quick and totally painless. Everyone has been a pleasure to work with."● "The grantmaking process has been extremely smooth and, as a benefit, has not noticeably distracted from any work on our core mission."	<ul style="list-style-type: none">● Improve clarity of grant instructions and criteria● Create downloadable pdf that lists all instructions and criteria on one long sheet● Unclear when supporting documentation is needed● Long contracting processes can cause frustration● "It took a long time to have the grant approved, but in the end it was worth it."

Engaging with our communities

- Attended Huntsville Hamfest, Pacificon, GNUCon
- Appeared on podcasts and YouTube channels
 - Linux in the Ham Shack
 - Ham Nation
 - ICQ Podcast
- Social media presence
 - Twitter
 - LinkedIn
 - Vimeo
- Published press releases that were picked up by amateur radio media, including ARRL website, *CQ*, *This Week in Amateur Radio*, and *Amateur Radio Newline*.

ARDC Board & Staff Meet IRL!



In early December 2021, the ARDC staff and board met IRL for the first time! Here, from left to right are:

- **Gunner**, our facilitator
- **Rosy Schechter, KJ7RYV**
Executive Director
- **Bdale Garbee, KB0G**
ARDC Treasurer
- **Phil Karn, KA9Q**
ARDC President

ARDC Board & Staff Meet IRL!



And, on Sunday, we unwound with a little axe-throwing!

Looking Forward to 2022

Our Values

- Curiosity
- Experimentalism
- Respect
- Accountability
- Openness & Transparency
- Inclusiveness
- Fairness
- Generosity & Gratitude

ampr.org/about/values/



AMATEUR RADIO DIGITAL COMMUNICATIONS

ARDC at Hamcation, QSO Today Expo, Hamvention, and more

- [Hamcation](#), Orlando, FL, February 11 - 13.
Booth 186 in the North Hall.
- [QSO Today Virtual Ham Expo](#), March 12-13, 2022.
- [Dayton Hamvention](#), Dayton, OH, May 20-22, 2022,
Booth 1302 in Building 1.

Updated Grants Process

- Four grantmaking cycles with applications due on:
 - February 15 (34 proposals already received)
 - May 1
 - July 15
 - October 1
- Similar applications will be grouped together for evaluation by GAC subcommittees.
- After all grant applications have been evaluated, GAC convenes to review the top selections and vote on their recommended portfolio for the board.
- Board will then approve or disapprove.
- Grants Manager will communicate the results to all applicants in that grant cycle.

More in 2022!

What else will ARDC be working on?

- Big-picture work – vision statement, governance, code of conduct
- Expanding grantmaking capabilities to individuals
- Focused outreach on areas of interest in grantmaking, especially internationally and to digital communications groups
- Piloting (*and hopefully launching!*) a new grant management platform
- Launch a new Portal for the 44net
 - Develop updated documentation
- Website re-launch

Q+A // Ideas?



AMATEUR RADIO DIGITAL COMMUNICATIONS

Thank you!

Reach out any time: contact@ardc.net