ARDC + 44net Community Call

06 February 2021

Agenda

- Housekeeping
- Introductions
  - 2021 TAC and GAC!
- 2020 in Review
- What's Ahead in 2021
  - Grantmaking
  - 44net Improvements
  - Hiring
- Q+As!

Housekeeping

- This video is being recorded!

- Moderators: John Hays (K7VE) & Bob McGwier (N4HY)

- Q+A: Type Questions in the chat window

- This presentation is available at: bit.ly/ARDC-2021-02-06

- All materials + will be posted after the call

ARDC
AMATEUR RADIO DIGITAL COMMUNICATIONS

Introductions

Board, Staff, & Contractors

Board of Directors

President
Phil Karn — *KA9Q*

Treasurer
Bdale Garbee — *KB0G*

Secretary
John Gilmore — *W0GNU*

Directors
kc claffy - *KC6KCC*
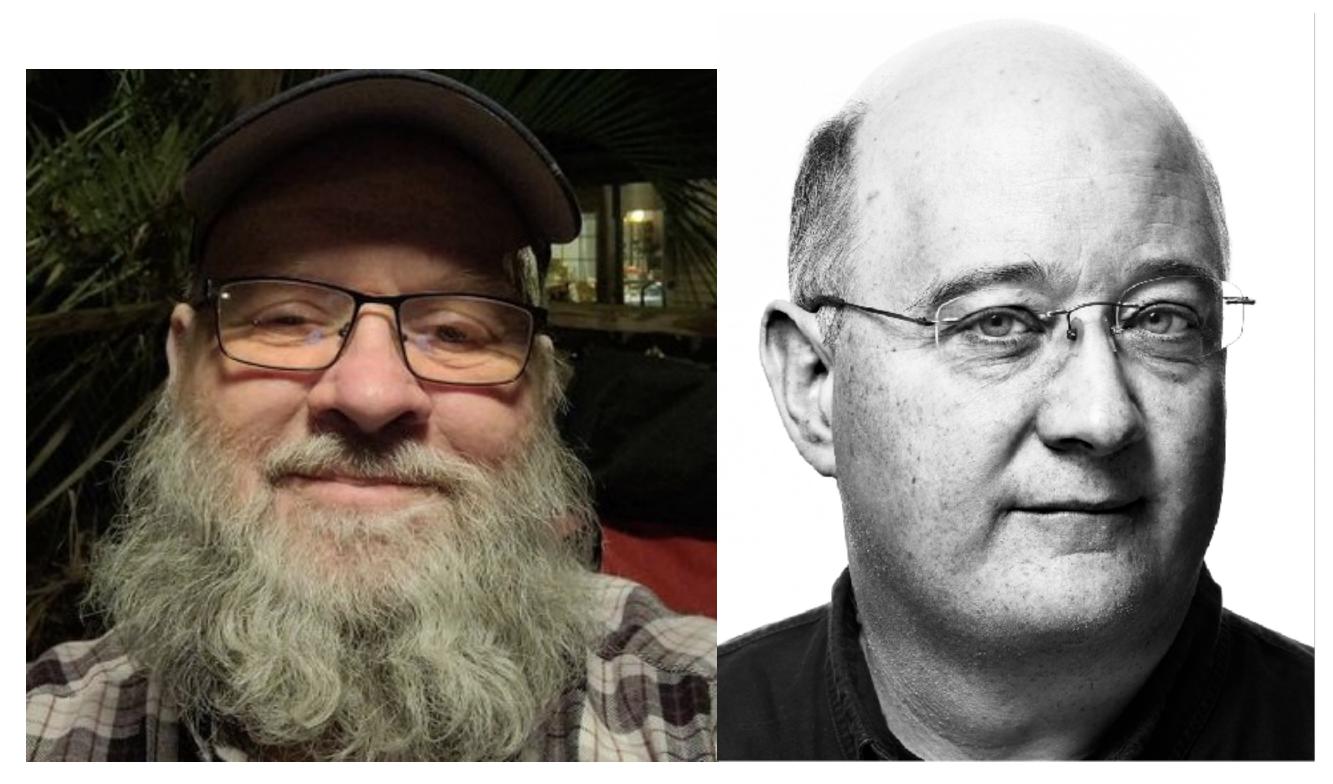Bob McGwier — *N4HY*
Keith Packard — *KD7SQG*

Staff

Executive Director
Rosy Wolfe — *KJ7RYV*

Contractor

AMPRnet Administrator + ARDC IT
Chris Smith — *G1FEF*

New Board Members

Bob McGwier – *N4HY*

Keith Packard – *KD7SQG*

2021 Advisory Committees!

Grants Advisory Committee (GAC)

- **Chair:** John Hays – *K7VE*
- Hank Magnuski – *KA6M*

Welcoming:
- Douglas Kingston – *KD7DK*
- Steve Stroh – *N8GNJ*
- Renzo Rossi – *IW0SAB*
- Bob Witte – *K0NR*

Technical Advisory Committee (TAC)

- **Chair:** Jann Traschewski – *DG8NGN*
- Tim Požár – *KC6GNJ*

Welcoming:
- Antonios Chariton – *SV2OIY*
- Adam Lewis – *KC7GDY*
- Caleb Pal – *KD7KAB*
- Pierre Martel – *VE2PF*

Looking Back: 2020

2020 in Review

- Processed 22 Grants
- Distributed nearly $2.7 million USD
  - 120+ scholarships
- Saw something we fund end up in space
- Surveyed 44net for the first time ever
- Focus: Operational Foundation
  - Assembled first Grants Advisory Committee (GAC)
  - Hired first Executive Director to follow founder Brian Kantor
  - Invested proceeds of address space sale

2020 Grants Distributed
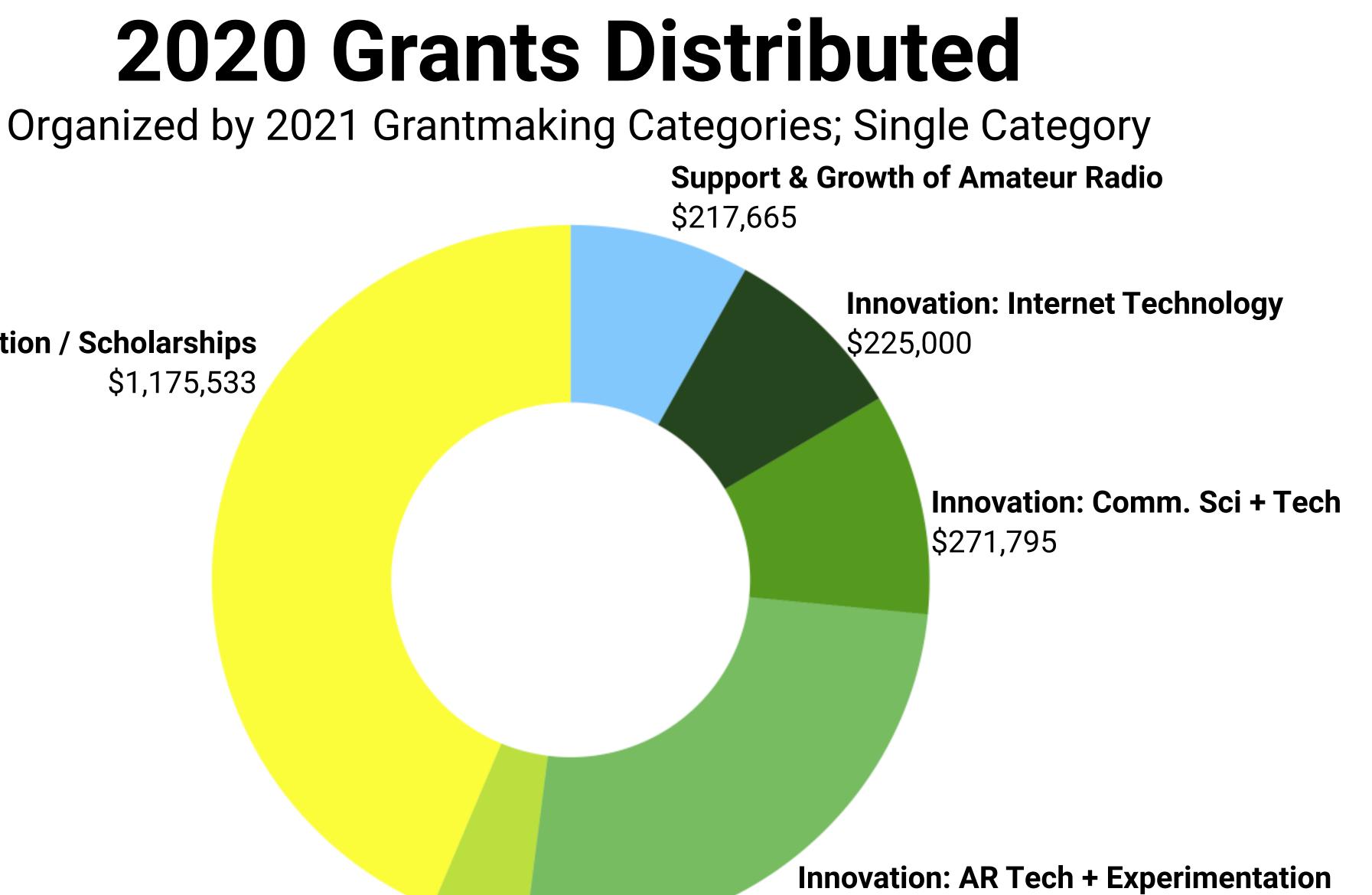## Organized by 2020 Granting Goals; Overlapping Categories

Grantee	Project	YYYY-MM	Award (USD)	Support & Growth of AR	AR Tech + Experimentation	Internet Tech	Digital Comm	Comm Sci + Tech	EDU	Open Access	Innovation
Network Time Protocol	General	2020-01	$100,000		✓	✓	✓			✓	✓
ARRL Foundation	2019-2020 Scholarships 1:1 Matching	2020-02	$200,000	✓					✓		
Foundation for Amateur Radio	2019-2020 Scholarships	2020-02	$200,000	✓							
GNU Radio Project	General	2020-02	$50,000	✓	✓	✓	✓			✓	✓
Karuk Tribe	Amateur Radio Equipment Support	2020-02	$110,000	✓		✓	✓			✓	
UC San Diego Foundation	Alan Turning Memorial Scholarship	2020-02	$225,533			✓	✓		✓		
Yasme Foundation	General	2020-02	$50,000	✓	✓				✓		✓
Open Research Institute	ITAR and EAR strategy	2020-06	$15,263							✓	
TAPR Inc	TangerineSDR	2020-06	$42,500	✓	✓			✓			
Outreachy	Paid Mentored Internships Countering	2020-07	$100,000			✓	✓		✓	✓	
Software Freedom Conservancy	Firmware Liberation Project	2020-07	$150,000			✓				✓	✓
Software Freedom Conservancy	Strategic GPL Enforcement Initiative	2020-07	$100,000			✓				✓	
Reproducible Builds	Deterministic protection against attacks in	2020-07	$75,000			✓				✓	✓
Open Research Institute	AmbaSat Inspired Custom Sensors	2020-09	$4,200	✓			✓	✓	✓	✓	✓
Open Research Institute	P4XT Phase 2	2020-09	$507,020	✓	✓						
Yurok Tribe	Comprehensive Communications Strategy	2020-09	$159,319	✓			✓			✓	✓
Hoopa Valley Tribe	Comprehensive Communications Strategy	2020-10	$161,795	✓			✓			✓	✓
ARRL Foundation	2020-2021 Scholarships	2020-11	$149,817	✓							
Chippewa Valley Amateur Radio Club	Emergency Trailer and Equipment	2020-11	$25,165	✓							
Foundation for Amateur Radio	2020-2021 Scholarships	2020-11	$400,000	✓					✓		
San Francisco Wireless Emergency Mesh	San Francisco Wireless Emergency Mesh	2020-11	$100,000	✓				✓		✓	
UCSD SysNet	Automated Capture and Decoding on	2020-11	$73,836	✓	✓	✓	✓		✓	✓	✓
			$2,690,312								

2020 Grants Distributed

Organized by 2021 Grantmaking Categories; Single Category

Support & Growth of Amateur Radio
$217,665

Innovation: Internet Technology
$225,000

Innovation: Comm. Sci + Tech
$271,795

Education / Scholarships
$1,175,533

Innovation: AR Tech + Experimentation
$685,056

Innovation: Advocacy
$115,263

2020 Grants Distributed
Organized by 2021 Grantmaking Categories; Single Category

Category	Qty	Amount
Support & Growth of Amateur Radio	4	$217,665
Education / Scholarships	7	$1,175,533
Innovation - AR Technology & Experimentation	4	$685,056
Innovation - Communication Science & Technology	3	$271,795
Innovation - Internet Technology	2	$225,000
Innovation - Advocacy	2	$115,263
Totals	**22**	**$2,690,312**

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2020 Financial Overview

Expenses	
Grants	$2.7 million
Operations	$97,000

Balance	
Beginning-of-year	$109.1 million
End-of-year	$128.2 million

For more info:

2020 Annual Report
bit.ly/ARDC-2020-report

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Q+A

Looking Back: 2020

Looking Forward: 2021

2021: Big Picture Goals

- Expand our grantmaking
  - Increase geography
  - Double 2020 giving
- Improve 44net infrastructure
- Optimize operations infrastructure
- Hire staff and contractors to support all of the above

2021 Grantmaking Categories

Support & Growth of Amateur Radio

Education

Technical Innovation

ampr.org/grantmaking-categories-requirements-goals/

2021 Grantmaking Categories

Support & Growth of Amateur Radio

Education

Technical Innovation

- Amateur Radio Technology & Experimentation
- Internet Technologies
- Digital Communications
- Communication Science & Technology

ampr.org/grantmaking-categories-requirements-goals/

2021 Grantmaking Goals

- Broad Reach
- Social over Commercial Benefit
- Inclusion of Underrepresented Groups
- Empowerment of Individuals, and Distribution rather than Centralization
- Preservation of the Right to Innovate
- Innovation on Business Models

ampr.org/grantmaking-categories-requirements-goals/#aspirational-goals

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2021 Grantmaking Goals

- Broad Reach
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- Preservation of the Right to Innovate
- Innovation on Business Models

+ Open Access - required for all grants

ampr.org/grantmaking-categories-requirements-goals/#aspirational-goals

2021 Grantmaking Windows

Area of Focus	RFP Drafting	Outreach & Submissions	Review	Disbursement
General Grants to Amateur Radio Clubs	Feb - March	March - April	May	June
Education Projects	April - May	May - July	August	Sept

Applications reviewed as received for all other categories.

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2021 Grantmaking – Next Steps

Step	When?	Who?
Onboard New GAC	Feb	Rosy & John Hays
Begin development: Grant Tracking Software	Feb	[Contract pending]
Finalize Equivalency Determination Framework	Feb	Rosy + Board
RFP + Outreach: Grants to Amateur Radio Clubs	Feb - Mar	GAC + Rosy
Hire Grants Manager	Feb - Mar	Rosy
Finalize Expenditure Responsibility Framework	Mar	Rosy + Board
RFP + Outreach: Education Grants	April - May	GAC + Rosy
Begin process: Grantmaking to Individuals	Q3	Rosy + Board

44net – Goals

- Rebuild Portal back-end and administrative frameworks (in-progress)
- With guidance of the TAC, prioritize known issues and develop plans (incl. budgets) for:
  - How to make Portal easier to use
    - For existing 44net users
    - For new users
  - Improving documentation for using the Portal
  - Strategy for IPv4 & IPv6
  - Better routing

TAC – Next Steps

Step	When?	Who?
Onboard New TAC	Feb	Rosy, Chris, & Jann
Develop 44net back end	Feb - May	Chris
Develop 44net plan + budget	TBD	TAC + Rosy
Hire necessary development support	TBD	Rosy, Chris, TAC

ARDC - Upcoming Hiring Goals

Position	Hire by
Grants Manager	March
Web Design & Development (Contract)	April
Additional Dev. Support (Portal)	TBD by TAC

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Q+A
Looking Forward: 2021
(Grants / 44net / Hiring)

Survey

Goal: Representation of Global Ham Community

Next step: We'd love more entries!

Please share!

bit.ly/ARDC-survey-2021

See in-progress results here:

reporting.alchemer.com/r/704018_601c85afe632d6.15083830

ARDC — AMATEUR RADIO DIGITAL COMMUNICATIONS

Applying for a Grant

1. Check eligibility
2. Check your project against our granting goals
3. Send us a proposal!

ampr.org/giving/

Please expect:
- 30-90 day proposal processing time
- Questions from ARDC
- 6-month reporting cycle (following approval)

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Q+A / Discussion

Last call!

Thank you!

Reach out any time: contact@ampr.org