# Hackaday Supercon

5 November 2022 - Pasadena, California

# Amateur Radio Digital Communications - Mission

*The mission of Amateur Radio Digital Communications (ARDC) is to support, promote, and enhance digital communication and broader communication science and technology, to promote Amateur Radio, scientific research, experimentation, education, development, open access, and innovation in information and communication technology.*

# Who is Amateur Radio Digital Communications?

ARDC is a 501(c)3 Private Foundation based in California

ARDC has an endowment which distributes approximately $5-6M per year.

- The endowment was created by the sale of 4 million IPv4 addresses in 2019
- ARDC still has 12 million IPv4 addresses for use with Amateur Radio and potentially other, limited, non-profit projects.

ARDC does not do active fundraising, but if you like the work of the foundation and want to make a bequest contact us at contact@ardc.net

ARDC does not have memberships, but we do have mailing lists, community meetings, and a social media presence. The main website is https://www.ampr.org

ARDC is governed by a volunteer Board of Directors, and managed by a small virtual staff.

# ARDC Giving

| Giving | Amount |
|---|---|
| Total giving in 2021 | $9 Million |
| Planned giving in 2022 | $6 Million |
| Planned giving in 2023 | TBD |

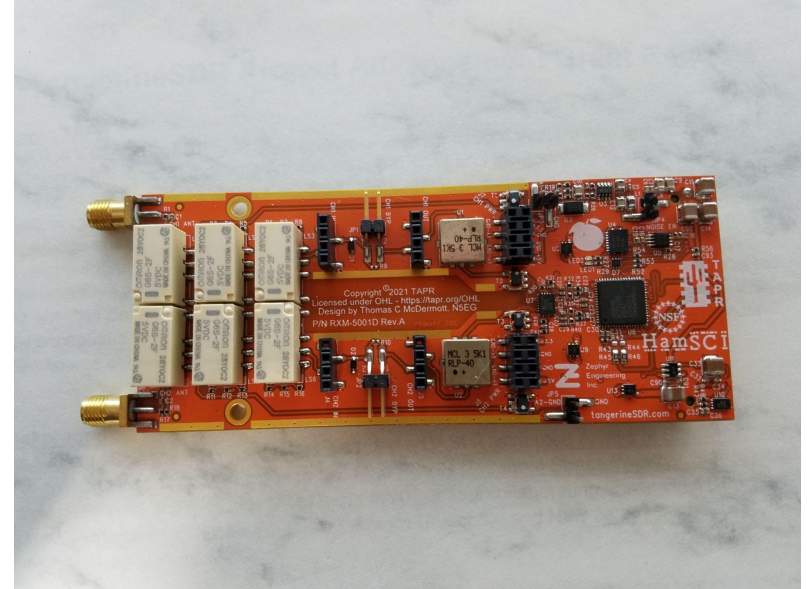* 2021 giving included 'catch up' funding for the prior years.



*Photo Credit: TAPR*

# ARDC Giving: Grantee Requirements

ARDC makes grants to non-profit organizations which fall into the following categories:

1. US IRS 501(c)(3) Non-Profit Public Charities or their International Equivalents
2. Non-Profit Educational Institutions (US and International)
3. Government sponsored projects that align with our mission
4. Groups and Individuals sponsored by an entity meeting the above requirements.  This is known as fiscal sponsorship.

ARDC

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*Photo Credit: K7UAZ University of Arizona Amateur Radio Club, who received a grant to renovate their HF station and satellite station*

# Grant Category: Support and Growth of Amateur Radio

Grants in this category are core to our mission. We make grants to clubs for all types of projects, including licensing classes, continuing education, community outreach, club station update or enhancement, repeater infrastructure, and certain emergency communications projects.

We are particularly interested in projects which include underrepresented individuals and groups.

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# Grant Category: Education

Grants in this category include grants to scholarship programs at approximately one quarter of our giving each year, as well as projects that aim to educate or mentor individuals, such as K-12 school programs, STEM makerspace programs, and programs aimed at underserved groups.



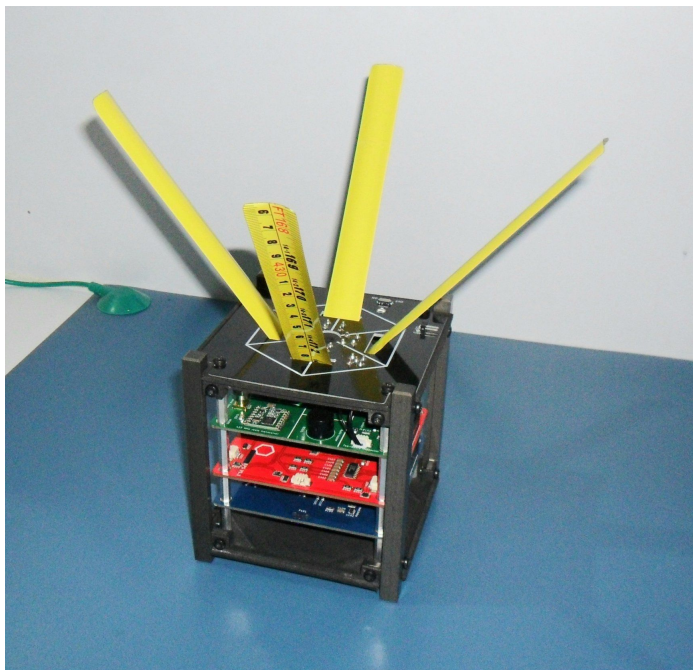*Students try their hand at radio transmitter hunting at Woodridge Middle School.*

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*Photo Credit: Paradox Sonic Space Research Agency, who is developing India's first open-source satellite*

# Grant Category: Research and Development

Projects in this category advance the state of the art in amateur radio and communication science & technology.

We are interested in growing the proportion of R&D projects within our portfolio.

The funded projects must be open sourced and non-profit.

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# Applying for a Grant

You can apply for a grant at anytime.

Grants are collected, reviewed, and compared like-for-like four (4) times a year. The 2022 deadlines have passed, the next deadline is February 1st, 2023. Allow 60-120 days after the deadline for a response.

Learn more at https://www.ampr.org/apply/

Applications are made online at https://grants.ardc.net



*Photo Credit: Norwich Free Academy, an ARDC grantee who built a satellite and ARISS ground station*



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# Applying for a Grant - Key Points

- Be sure to review all of the information under 'Apply' (and sub pages) on the website.
- Most of our projects are "shovel ready" and take about one year to complete.
  - If a large project, consider a multi-phase approach and apply for follow-on grants as you go.
  - Have any external resources already lined up (e.g. facilities, personnel, partners, etc.)
- Include all expenses such as taxes, fees, shipping, professional services, indirect costs (20% or less above the direct grant costs), etc.
- Select modern, quality, items that will have an appropriate service life, don't "gold plate" and don't under specify.
- Have a good project plan including who, when, where and why.

# Applying for a Grant - Key Points

- Make your project really stand out
  - Include previous accomplishments
  - Show how you are doing outreach and building community around your project
  - State how you will adhere to ARDCs open access/open source requirement
  - If your project is truly innovative, explain how it innovates
  - Include inclusiveness and equity initiatives your group is engaged in
  - Include how you will engage youth to fight the greying of the hobby
  - We don't need a book but be complete in your description
  - Include any other fundraising and support you are receiving for this project
- How will your project make the world a better place?

# Applying for a Grant - Talk to Us

- **Catch me here at the Supercon**
  - John Hays, K7VE - Outreach Manager
    1-858-477-9904 / john.hays@ardc.net
- Email general questions about grants to giving@ardc.net

# We could not do this without our Volunteers

- We have two volunteer committees, one for grants, and one for technology.
- We are actively recruiting new volunteers for 2023.
  - https://www.ampr.org/now-accepting-applications-for-the-2023-technical-advisory-committee/
  - https://www.ampr.org/now-accepting-applications-for-grants-advisory-committee/

**Applications due by November 12th**

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# For more information visit …



Grants Advisory Committee



Technical Advisory Committee



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# Q&A

https://linktr.ee/ardc_73