

2022

Porta Sophia

IMPACT REPORT



porta sophia
Psychedelic Prior Art Library

2022 IMPACT REPORT

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A Doorway to Wisdom

Our mission is to protect the public domain, stimulate innovation, and support good patents to assure psychedelic therapies can one day be available at scale to the people who need them.

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2022 Our Goals and Contributions Over the Last Year

2022 was a busy year for Porta Sophia. We more than quadrupled the size of our prior art library, featuring almost 900 curated references to help patent examiners evaluate applications. Our search tool has evolved to create a better experience for users and we've created an internal prior art upload tool to make it easier for our data team to upload and manage new prior art. The team also brought awareness to our mission and library through events and social media presence. And that's not all.

Here were our highlevel goals:

- Build the Porta Sophia Library
- Encourage Patent Examiners to Use Porta Sophia
- Promote 'Good' Patents*
- Enhance Awareness and Transparency of Our Mission

*Good Patents are Novel and Non-obvious.



2022 Highlights

12
Third Party
Submissions Filed

7
Third Party
Observations Filed



3,878
Users of PortaSophia.org
19,463
Website Views in 2022

Presented at
9
Conferences/Events

282
Twitter Followers
Launched May 2022

14
Members of the
Porta Sophia Team

PortaSophia.org
has been visited by
77
Countries

2
Peer Reviewed
Journal Submissions
Highlighting Our Work

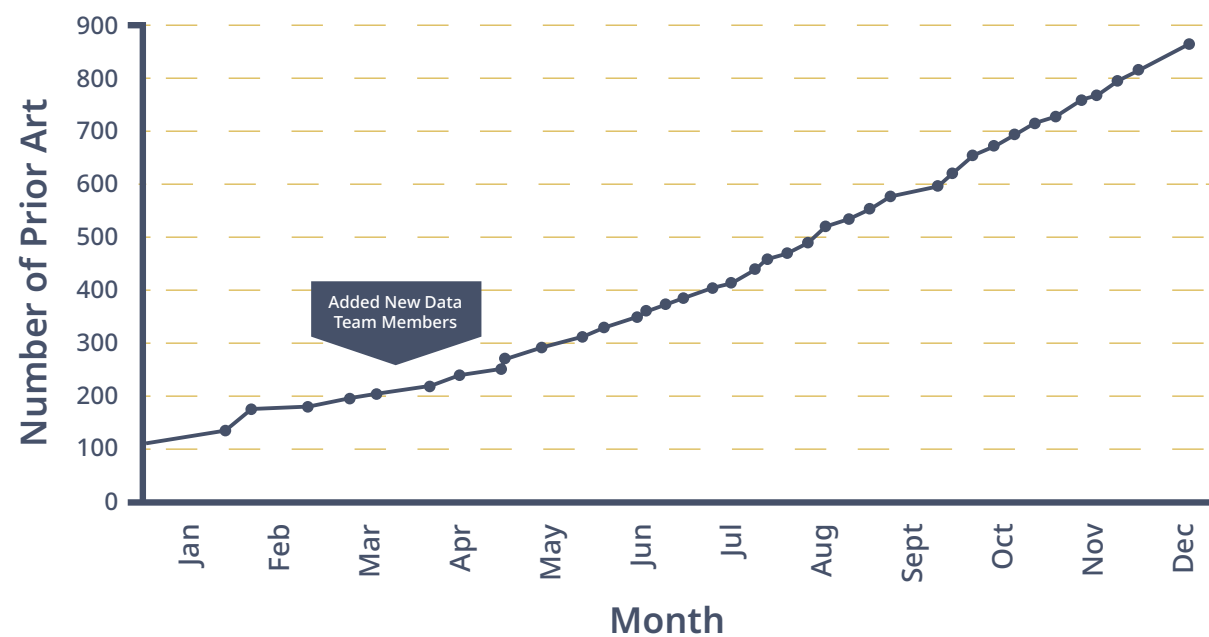
859
Pieces of Prior Art in
Porta Sophia Library
Prior Art is Continuously
Reviewed and Added to
the Library

Key Accomplishments

Building the Porta Sophia Library

- Grew our library to almost 900 prior art references through a sustainable prior art curation strategy driven by our third party submission and observation process.
- Developed an automated prior art upload tool to streamline how we manage and deploy new prior art to our site.
- Developed two psychedelic timelines illustrating key historical, archival, scientific, and legal events throughout history.
- Launched the Archival Researcher Network (ARN) to tap into global resources and archives.

Porta Sophia Library Prior Art Count



- 859 prior art reference (as of 12/20/2022)
- Added 752 new prior art references to our library from January – December 2022

Encourage Patent Examiners to Use Porta Sophia

- Redesigned our search tool to be more intuitive by adding new filter and result functionality based on user testing.
- Used social media to highlight the capabilities of our prior art library search tool.
- Published two manuscripts, 'thought papers,' to bring awareness to our mission to protect the public domain.
 - **Journal of Studies on Alcohol and Drugs** – *Intellectual Property of Psychedelics for Addiction Treatment: How Porta Sophia Enables Access and Protects Innovation and Opportunity Through Preserving the Public Domain.*
 - **History of Pharmacy and Pharmaceuticals** – *The evolving role of history in the past, present, and future of psychedelic patenting.*

Promote 'Good' Patents

- Created sustainable processes to monitor the patent landscape and tackle the most egregious patents.
- Filed 12 third party submissions (U.S.) and 7 third party observations (International).
- Presented at industry-leading conferences to highlight the importance of protecting the public domain.

Enhancing Awareness and Transparency of Our Mission

- Created social media strategy to spread awareness and transparency of the team's efforts toward our mission.
- Launched our social presence on Twitter, LinkedIn, and YouTube.
- Revamped our website to include new pages for press releases and our third-party submission and observation workflow.



Archival Researcher Network

By Porta Sophia

... psychedelic research has historically played out on a global scale, such a network is important in surfacing prior art to reflect the scale of psychedelic research ...

Amanda Pratt

November 29, 2022 | Points History



Learn About the Archival Research Network

Archival Researcher Network (ARN)

The Archival Researcher Network (ARN) was developed to help Porta Sophia expand our prior art library by tapping into the expertise of a global network of psychedelic historical researchers to crowd-source relevant prior art.

2022 Highlights

- **ARN Kickoff Event – June 1-3rd**, was used to pilot our social media program. Our first Twitter post highlighted the ARN kickoff and saw immediate success with over 4,000 impressions and laid the ground work for future content.
- The **ARN Kickoff Event** featured 10 speakers and 8 sessions over the course of three days. The featured events were posted on our newly created YouTube channel for public visibility.



View the Archival Researcher Network Kickoff Event Recordings on YouTube.

- **ARN awarded three researcher grants in 2022.** Our first grant recipient and Archival Researcher Network Participant, Philipp Rühr (DE), was featured in a Points History interview with Amanda Pratt.



Read Points History Interview: Philipp Rühr, Archival Researcher Network participant.

- Our ARN has recruited **31 research volunteers globally** in 2022.
- Used program to **pilot new communication strategies** such as a newsletter and set up marketing technologies.

2022

Where We Showed Up in the News

- December 1, 2022 | Points History
Points Interview: Philipp Rühr, Archival Researcher Network participant
- November 29, 2022 | Points History
Introducing the Archival Researcher Network
- October 25, 2022 | New York Times
With Promise of Legalization, Psychedelic Companies Joust Over Future Profits
- June 23, 2022 | VICE
Judges Deny Challenge to Psilocybin Patent
- April 25, 2022 | The Lucid News
A New Database Seeks to Prevent “Bad” Psychedelic Patents
- April 14, 2022 | VICE
Can the Clever Use of Old Legal Strategies Thwart Psychedelic Monopolies?
- February 28, 2022 | The Microdose
5 Questions for David Casimir
- January 10, 2022 | American Prospect
The American Prospect, Rollups: The Emerging Magic Mushroom Monopoly
- January 5, 2022 | VICE
VICE NEWS TONIGHT / S6 EP1

View more Porta Sophia in the news at <https://www.portasophia.org/news>



July 12, 2022 | Psychedelics Today Podcast

PT336 – Sisi Li, Ph.D. – Porta Sophia: Psychedelic Prior Art

“In this episode, recorded at the From Research to Reality Conference in Toronto, David interviews Sisi Li, Ph.D.: Data Architect and lead of the data archival team for Porta Sophia.”

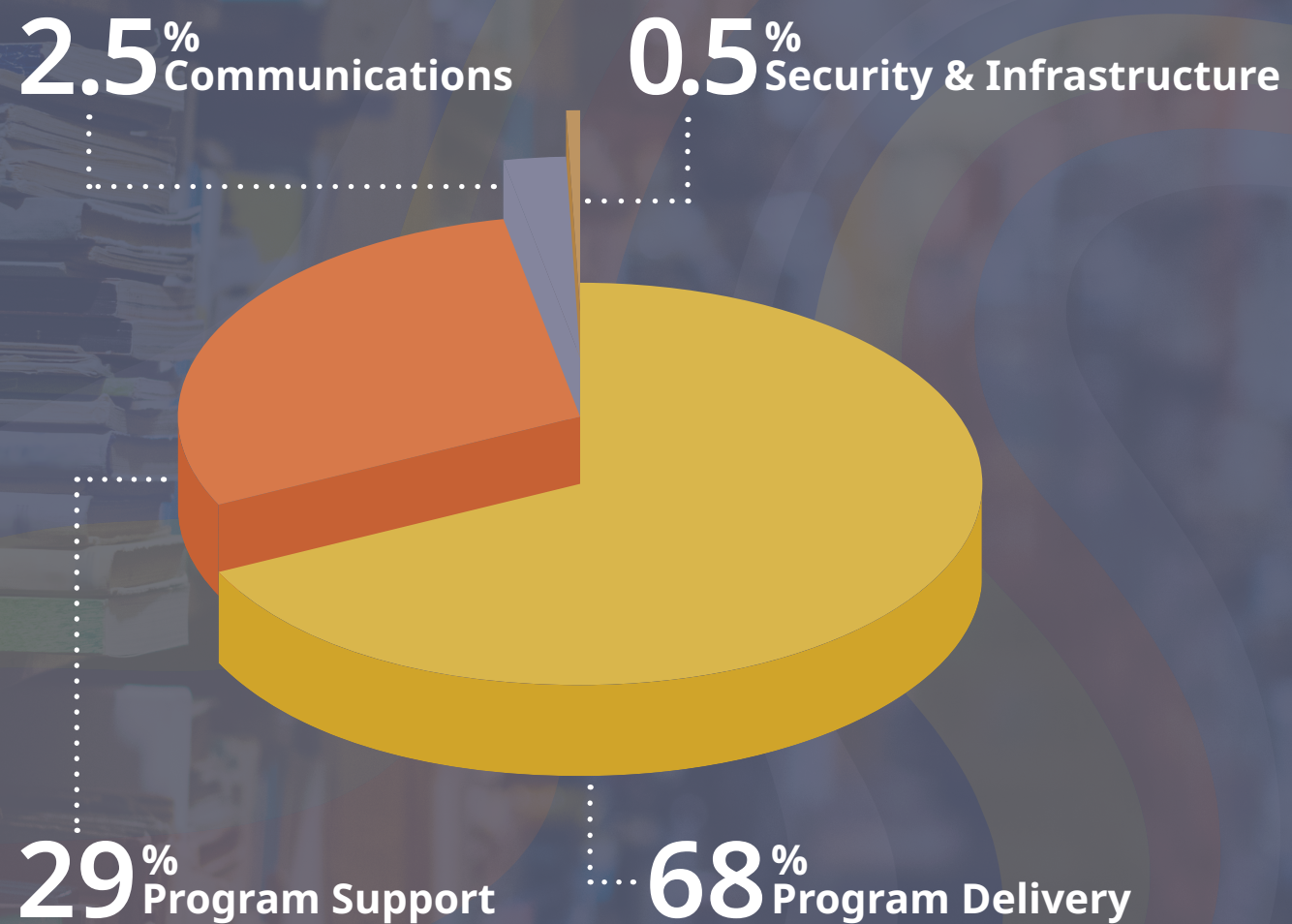


Listen to Psychedelics Today Podcast

Event Presentation Spotlights

- **Chacruna March 2022**
Part of the Patenting the Sacred Series – *Dave Casimir, J.D., Ph.D., Lucas Richert, Ph.D., and Amanda Pratt, MA, Ph.D. Candidate*
- **Research to Reality May 2022**
Psychedelics for Addiction Treatment: Enabling Access and Protecting Innovation and Opportunity Through Preserving the Public Domain *Sisi Li, Ph.D.*
- **Yale Psychedelic Science Group May 2022**
Patenting Psychedelics an Overview – *David Casimir, J.D., Ph.D., Thomas Isenbarger, J.D., Ph.D., Shahin Shams, Ph.D.*
- **Psychedelic Bar Association September 2022**
Enabling Psychedelic Access and Protecting Innovation by Preserving the Public Domain – *Shahin Shams, Ph.D., David Casimir, J.D., Ph.D., Thomas Isenbarger, J.D., Ph.D.*
- **Psychedelic Law Summit September 2022**
Porta Sophia Overview – *Thomas Isenbarger, J.D., Ph.D., David Casimir, J.D., Ph.D.*
- **Horizons NY October 2022**
Porta Sophia as a Resource: Considerations for Psychedelic Patenting – *Shahin Shams, Ph.D.*
- **PREAACH Conference November 2022**
Porta Sophia brings together psychedelic scientific, historical, and cultural information to protect the public domain, stimulate innovation, and support good patents – *Sisi Li, Ph.D.*
- **Psychedelics Today Podcast July 2022**
PT336 - Porta Sophia: Psychedelic Prior Art – *Sisi Li, Ph.D.*
- **The Science of Consciousness Conference April 2022**
Poster Presentation: Synthesis and Therapeutic Potential of 5-MeO-DMT – *Co-authors Robert Kargbo, Ph.D., Anny Ortiz, Ph.D. Candidate, and Tura Patterson*

2022 Financial Distribution



The Program processes are resources needed to execute and deliver on the strategic goals for Porta Sophia. Program support adapts as Porta Sophia’s mission evolves over time. Program support considers human and physical resources such as consultants and subject matter specialists, media and public relations, web design and development support, and third party submission expenses.

Program delivery includes the various resources needed to run the program. The program is defined by strategic planning aligned to Porta Sophia’s mission and overall goals that identifies the suitable methods of delivering services as part of the overarching program. Program delivery includes full-time overhead salary and fringe benefits.

Measuring Success

Third Party Submission Impact

It can take up to a year to see the impact of a third-party submission or observation. During the second half of 2022 we started to see our efforts pay off. Here are four patent applications directly impacted by our work:

- COMPOSITIONS AND METHODS COMPRISING A COMBINATION OF SEROTONERGIC DRUGS application saw **18 claims canceled and received a non-final rejection notice.**
- PSYCHEDELIC TREATMENT FOR HEADACHE DISORDERS application **received a non-final rejection from USPTO, citing prior art from PS as the reason.**
- TREATMENT OF DEPRESSION AND OTHER VARIOUS DISORDERS WITH PSILOCYBIN application saw **applicant arguments/remarks made in an amendment and narrowed claims.**
- SEXUAL THERAPY FORMULATION AND METHOD OF TREATMENT application had **all claims rejected due to prior art provided by Porta Sophia.**

Website and Search Tool Metrics

Porta Sophia’s prior art library search tool is our primary resource for patent examiners and innovators to find prior art related to applications and patent filings. Here are our use metrics from 2022:

- **3,878 unique users** with **19,463 total views** of our entire site.
- Search tool saw 1,006 unique users with **6,582 search events.**
- We saw **39,570 total events across our site** with the home page and search tool as the top pages visited.

Social Media Metrics

- Established social presence on Twitter, LinkedIn, and YouTube.
- **Gained 278 followers** in our first year on Twitter and we have a large influencer following allowing our posts to gain thousands of impressions.

2023 Goals for the Upcoming Year

- Build the Porta Sophia Library
- Encourage Patent Examiners to use Porta Sophia
- Promote 'Good' Patents
- Enhance Awareness and Transparency of Our Mission
- Explore Additional Sources of Revenue that Create Visibility (NEW)



2023

Goals for This Year and Beyond

Build the Porta Sophia Library

- Routine patent search, prior art search and curation to build library
- Build resource page including timelines and literature review summary reports
- Sustainability and engagement of Archival Researcher Network (ARN)

Encourage Patent Examiners to use Porta Sophia

- Provide Continuing Legal Education (CLE) credit course for attorneys and patent examiners
- Continue to improve library search tool based on user feedback and website analytics user data
- Launch pilot legal services for patentability analyses and prior art search

Promote 'Good' Patents

- Third party submissions and observations to challenge obvious and non-novel patents (aiming for 15-20 filings in 2023)
- Aim to publish 3 peer reviewed journal publications
- Apply for speaking opportunities at conference to directly reach psychedelic IP lawyers, applicants and patent examiners
- Educate on patent strategies for psychedelics

Enhance Awareness and Transparency of our Mission

- Develop an email marketing program and contact data strategy for tagging and segmentation, allowing us to deliver news and updates to our target audience(s)
- Continue to evolve our social media strategy to create awareness about the work Porta Sophia is doing and to educate our audience
- Enhance the deliverability of our content via our website by including more educational content, easy to find resources, and highlighting news and events relevant to our audience
- Improve our information delivery practices via the web by developing new and speedier ways to deliver content

Explore Additional Sources of Revenue that Create Visibility (NEW)

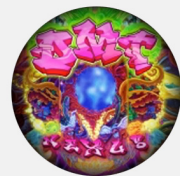
- Launch a new online web shop that will deliver branded goods to generate more cash flow into the organization that will in turn be reinvested towards resources to support our mission
- Launch a donor incentive program that entices smaller donations by providing branded gifts based on tiered donation packages
- Create small social media and web campaigns each quarter to create visibility of web shop and donor incentive program

Thank you for your support!

As a non-profit, we rely on the generosity of our supporters and enabled by many in-kind partnerships. We are grateful for all these contributors below and so many more.



Betsy Gordon
Psychoactive Substances
Research Collection



The Fournier
Family Foundation

And Other Generous Contributors Who Wish To Remain Anonymous





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Psychedelic Prior Art Library

www.portasophia.org