



The Analyst

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4...3...2...1... Lift-Off

Marked by the completion of the incorporation process on December 11, 2009, the Institute for Analytical Philately, Inc. (IAP) has been launched officially.

Formed during the last quarter of 2009 by a group of more than a dozen dedicated philatelists, IAP intends to increase the opportunities for scientific research for members of the philatelic community. Our mission is simple — to enhance the future of philately by using modern technology to answer open questions.

As a virtual organization, IAP's

window on the world is through our Web Site at:

www.AnalyticalPhilately.org

Please visit this rapidly developing Site and feel free to suggest changes or additions that would make it either more usable or more informative for researchers.

Remember, IAP is a nonprofit corporation and our life blood is your contributions and memberships. If you share a belief in our important mission, please consider contributing and joining today. Visit our Web Site.



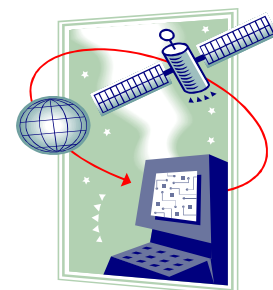
The IAP Mission

IAP is an educational institution dedicated to applying analytical techniques to philatelic studies which are intended to provide long term and wide ranging benefits to all aspects of philately.

At IAP, we believe there is a large pool of untapped technical expertise and human resources in the philatelic community. This expertise

can be directed to the betterment of philately through the performance of rigorous, analytical research in many areas that can benefit from new technologies.

Our mission then is simple. To facilitate these benefits, IAP will provide research grants and technical support to qualified philatelists to assist them in performing their research.



IAP is an educational institution dedicated to applying analytical techniques to philatelic studies

Throughout 2010, all new members joining will automatically become **FOUNDING** members of the Institute.

Founding Members Wanted

IAP received its initial funding through the generosity of philatelists in the U.S. and several other countries. Five philatelists believing in our mission have become Patrons (\$5000+) and another eight have become Sponsors (\$2000+)

Our goal is to attract other major contributors as well as supporting and sustaining members. We need additional members. All members receive this newsletter plus a publication of research papers that represent the results of research

that IAP funds or co-funds with alliance members.

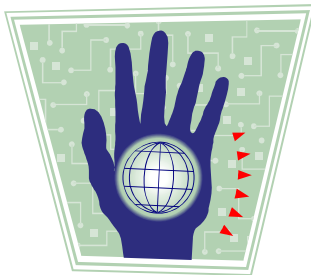
All members of IAP are equal and have a vote for the administration of the Institute. In order to encourage the generosity of the philatelic community, four levels of membership have been established. These are presented below along with the initial donation and continued support levels:

- *Patron Members, \$5,000 and \$100 per year*
- *Sponsor Members, \$2,000 and \$50 per year*

- *Supporting Members, \$100 per year*
- *Sustaining Members, \$50 per year*

IAP is applying for 501(c)(3) status as a tax-exempt charity under the IRS code. This may allow you to deduct contributions that you make. Consult your tax advisor to see if you qualify.

See page 4 for some good reasons you should join IAP today.



Strategic Alliances leverage resources from multiple organizations to facilitate more efficient research

Strategic Alliances: A Synergistic Approach

At IAP, we intend to develop strategic alliances with major philatelic organizations in the U.S. and abroad. This will allow us to leverage resources including:

- *Access to libraries and archives*
- *Access to a staff of "experts"*
- *Access to research equipment*

By doing this, we believe

that IAP and our alliance partners will be able to:

- *Reduce technical risk*
- *Quickly share and disseminate results*

These alliances will allow us to dramatically reduce overhead. As a *virtual* organization, we use modern technology to communicate, coordinate and disseminate information. Our directors perform their duties *gratis* as

a labor of love and think of it as our legacy to the hobby we have loved for decades. Other than a small budget for ancillary hard costs, such as web site hosting, all of our funds go directly to research activities.

Our web site provides a list of our active alliance partners.



The Video Spectral Comparator 6000 at the Smithsonian National Postal Museum in Washington, DC

Colorimetric Study at the Smithsonian NPM

Dave Herendeen was one of the first recipients of a Smithsonian National Postal Museum scholarship which partially funded a study entitled "Colorimetric Analysis Methodology for Philatelic Studies." In early December, Dave spent a week at the NPM using their Video Spectral Comparator.

The study required that

hundreds of stamps be analyzed and their reflectance spectra recorded. These data were then used to see how specific shades are defined in an analytical manner. Part of this study required the correlation of the measured colors with the shades that collectors actually perceive when looking at the stamps.

IAP Senior Fellow Jim Allen, under IAP funding, used his 13 years of experience to categorize the perceived shades.

This, and all other NPM scholarships, are under the direction of Thomas Lera, the Winton M. Blount Chair of Research at the NPM.

For more information, visit the IAP web site.

IAP Administration

The strength of IAP lies with the incredibly talented group of professional researchers and managers that have formed the Institute.

With more than 130 years of combined industrial experience, and even more philatelic experience, the management team is well-suited to fulfill the mission of IAP.

President Dave Herendeen notes that “our experience ranges across a broad spectrum of technologies from physics to chemistry to printing technology and

even information science. Just the combination to tackle and solve difficult philatelic problems.”

John Barwis, Vice President, says that “IAP intends to fund a variety of studies that will solve long-standing philatelic problems through scientific inquiry. Very importantly, we expect all researchers to publish their work so that their results may be applied by all those philatelists who follow us.”

Joining Dave and John are Jim Allen and Bob Hisey.

Jim worked many years in the chemical industry and is well-known as an expert on color shades of classic U.S. stamps. Bob, who had a long career in the printing and paper industries, brings a special insight into problems related to these two important areas of philatelic study.

This multidisciplinary team is ideally suited to advising advanced research projects. You will find professional and philatelic resumes of our Senior Fellows on our Web Site.



...130+ years of multidisciplinary technical and management experience.

Call for Proposals

Unlike many similar institutions, at IAP we can initiate new research projects throughout the year as long as funding is available. All you must do is have a good idea and write a proposal that tells us what you want to do, how you will do it, and what its impact on philately will be. You must also provide a research budget indicating how IAP funding will be used.

The development of methods that can be reused in different areas of philately are preferred to those that are solving only a very specific problem. Also, research ideas that are of interest to other IAP alliance partners and may be co-funded by them get top-priority for our funding.

Projects can cover any type of scientific inquiry including physical or

chemical characteristics, studies of papers, inks, watermarks and any and all of the many printing processes that have been employed for stamp production over the last 170 years. Studies may naturally also apply to covers, postal stationery, cancellation devices, and many more that have yet to be considered. Ideas are limited only by imagination.

IAP will never divulge your proposed research ideas to anyone. Period.

Centers of Excellence

In addition to forming alliances with leading philatelic institutions (see page 2), IAP also intends to form alliances with universities and other organizations with laboratories, especially those that have special expertise in technologies strongly related to philately.

These alliances will allow IAP fellows to have access to

more extensive laboratory equipment and domain experts in important academic fields. Examples of possible alliances that might lead to Centers of Excellence include universities with long histories of experience in color studies, spectrometry and paper fabrication.

Senior staff are pursuing such relationships in tandem

with developing close working relationships with philatelic organizations. We hope to bring some agreements to fruition during the first quarter of 2010. Any readers having contacts at university laboratories that might be interested in such a relationship are asked to contact one of our directors, or visit our Web Site.



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Why Join IAP?

The major benefit of being an IAP member is the opportunity to give back to the hobby we love so well. Our funds will be used to create a legacy of scientific innovation in philately!

Membership benefits include:

- ◆ helping IAP to coordinate research activities through collaborative relationships with other philatelic organizations so that the overall hobby gets the most "bang for its buck"
- ◆ opportunities to work with some of the greatest philatelic minds and with state-of-the-art scientific equipment
- ◆ a quarterly newsletter that not only presents IAP news, but also news about current philatelic research activities and interests around the U.S. and world
- ◆ an annual book of technical papers reporting the results of our funded research efforts
- ◆ an annual meeting in conjunction with the APS Stampshow, or another major national exhibition, to maximize attendance and convenience for our members.
- ◆ a pipeline into IAP to suggest funding research efforts that are important to you



**Dissemination
of technology
and
education
are IAP's
most important goals**

Education our Goal

IAP's research grants have only one goal: to foster philatelic research by funding projects that will improve our hobby for everyone.

We believe that there is much good work being performed around the world, but that it is neither being coordinated nor transferred in an effective manner. This means that researchers are often duplicating work because they are not aware of similar work that others are doing.

To solve this coordination problem, there is a crucial need to have a focal point for disseminating research

results as widely as possible. IAP plans to be that focal point.

Our Web Site includes a page entitled "Reference Library." The purpose of this library is to provide you with a list of resources describing various technical research efforts that have been, or are being, performed. Although small now, the list of references will have grown each time you visit the Site.

Of special interest is the large number of books and articles which, by their titles, would not indicate that they contained useful scientific research results. To allow

fast access to this information, all books and articles are indexed under their technical interest, e.g. spectroscopy, rather than their philatelic topic.

Where permission may be obtained, thanks to a suggestion by an early reviewer, we will also post entire articles on the web site. We will also note which references can be obtained from the American Philatelic Research Library.

Those reviewing the Reference Library on our Web Site are invited to contact us with other possible listings that should be included.