



**DEPARTMENT OF WAR
OFFICE OF THE SECRETARY OF WAR/JOINT STAFF
FREEDOM OF INFORMATION
1155 DEFENSE PENTAGON
WASHINGTON, DC 20301-1155**

Ref: 26-F-1773
September 14, 2026

Mr. John Greenewald
The Black Vault, Inc.
27305 W. Live Oak Rd.
Suite #1203
Castaic, CA 91384

Dear Mr. Greenewald:

This is a final response to your March 17, 2026 Freedom of Information Act (FOIA) request, a copy of which is enclosed for your convenience. The Office of the Secretary of War/Joint Staff (OSW/JS) FOIA Requester Service Center received your request on March 18, 2026, and assigned it FOIA case number 26-F-1773. We ask that you use this number when referring to your request.

The Office of the Under Secretary of War for Intelligence & Security, All-domain Anomaly Resolution Office (AARO), a component of OSW, conducted a search of their records systems and located 89 pages determined to be responsive to your request. The AARO Initial Denial Authority (IDA) has determined that 19 pages are withheld in their entirety pursuant to 5 U.S.C. § 552:

- (b)(5), inter- and intra- agency memoranda which are deliberative in nature; this exemption is appropriate for internal documents which are part of the decision making process, and contain subjective evaluations, opinions and recommendations.

Additionally, the AARO IDA has determined that portions of the remaining 70 responsive pages are exempt from release pursuant to 5 U.S.C. § 552:

- (b)(5), inter- and intra- agency memoranda which are deliberative in nature; this exemption is appropriate for internal documents which are part of the decision making process, and contain subjective evaluations, opinions and recommendations;
- (b)(6), information which, if disclosed, would constitute a clearly unwarranted invasion of the personal privacy of individuals.

Please note that we have considered the foreseeable harm standard when reviewing records and applying exemptions under the FOIA in the processing of this request. Your request has been closed in this office. In this instance, fees for processing your request were below the threshold for requiring payment. Please note that fees may be assessed on future requests.

If you have any questions or concerns about the foregoing or about the processing of your request, please do not hesitate to contact the Action Officer assigned to your request, Daniel Mullin, at daniel.r.mullin3.civ@mail.mil or 571-372-0465. Additionally, if you have concerns about service received by our office, please contact a member of our Leadership Team at 571-372-0498 or Toll Free at 866-574-4970.

Should you wish to inquire about mediation services, you may contact the OSW/JS FOIA Public Liaison, Virginia Burke, by email at osd.mc-alex.odam.mbx.foia-liaison@mail.mil or by phone at 571-372-0462. You may also contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer. The contact information for OGIS is as follows:

Office of Government Information Services
National Archives and Records Administration
8601 Adelphi Road-OGIS
College Park, MD 20740
E-mail: ogis@nara.gov
Telephone: 202-741-5770
Fax: 202-741-5769
Toll-free: 1-877-684-6448

You have the right to appeal to the appellate authority, Mr. Michael Kremlacek, Acting Director of Oversight and Compliance, Office of the Director of Administration and Management, Office of the Secretary of War, at: 4800 Mark Center Drive, ATTN: FOIA Appeals, O&CD, Mailbox #24, Alexandria, VA 22350-1700. Your appeal must be postmarked within 90 calendar days of the date of this response. Alternatively, you may email your appeal to osd.mc-alex.odam.mbx.foia-appeals@mail.mil. If you use email, please include the words "FOIA Appeal" in the subject of the email. Please also reference FOIA case number 26-F-1773 in any appeal correspondence.

We appreciate your patience in the processing of your request. As stated previously, please contact the Action Officer assigned to your request, Daniel Mullin, and reference FOIA case number 26-F-1773, if you have any questions or concerns.

Sincerely,



for

Douglas McComb
Acting Chief, FOIA

Enclosure:
As stated

This document is made available through the declassification efforts
and research of John Greenewald, Jr., creator of:

The Black Vault



The Black Vault is the largest online Freedom of Information Act (FOIA)
document clearinghouse in the world. The research efforts here are
responsible for the declassification of hundreds of thousands of pages
released by the U.S. Government & Military.

Discover the Truth at: **<http://www.theblackvault.com>**

CLEARANCE REQUEST FOR PUBLIC RELEASE OF DEPARTMENT OF DEFENSE INFORMATION

(See Instructions on back.)

(This form is to be used in requesting review and clearance of DoD information proposed for public release in accordance with DoDD 5230.09.)

TO: (See Note) Chief, Defense Office of Prepublication and Security Review, 1155 Defense Pentagon, Washington, DC 20301-1155**Note:** Regular mail address shown above. For drop-off/next day delivery, use:
Room 2A534, 1155 Defense Pentagon, Washington, DC 20301-1155**1. DOCUMENT DESCRIPTION**

a. TYPE White Paper	b. TITLE 2025 UAP Workshop: Narrative Data, Infrastructures, and Analysis
c. PAGE COUNT 18	d. SUBJECT AREA Unidentified Anomalous Phenomena

CLEARED**For Open Publication****Feb 11, 2026****2. AUTHOR/SPEAKER**

a. NAME (Last, First, Middle Initial) Kosloski, Jon	b. RANK SES	c. TITLE Director
d. OFFICE All-domain Anomaly Resolution Office	e. AGENCY OUSD(I&S)	Department of Defense OFFICE OF PREPUBLICATION AND SECURITY REVIEW

3. PRESENTATION/PUBLICATION DATA (Date, Place, Event)

Associated Universities, Inc. (AUI) intends to publish this white paper on its website. AARO intends to amplify it on social media and to host direct links to it via www.AARO.mil.

4. POINT OF CONTACT

a. NAME (Last, First, Middle Initial) (b)(6)	b. TELEPHONE NO. (Include Area Code) (b)(6)
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5. PRIOR COORDINATION

a. NAME (Last, First, Middle Initial)	b. OFFICE/AGENCY	c. TELEPHONE NO. (Include Area Code)

6. REMARKS

This 18-page white paper captures findings and outcomes from an unclassified, AUI-hosted, AARO-sponsored interdisciplinary working group focused on narrative and technical UAP data integration.

7. RECOMMENDATION OF SUBMITTING OFFICE/AGENCY

a. THE ATTACHED MATERIAL HAS DEPARTMENT/OFFICE/AGENCY APPROVAL FOR PUBLIC RELEASE (qualifications, if any, are indicated in Remarks section) AND CLEARANCE FOR OPEN PUBLICATION IS RECOMMENDED UNDER PROVISIONS OF DODD 5230.09. I AM A GOVERNMENT EMPLOYEE (civilian or military), AND NOT A CONTRACTOR, AUTHORIZED TO MAKE THIS RECOMMENDATION FOR RELEASE ON BEHALF OF:

Dr. Jon Kosloski

b. CLEARANCE IS REQUESTED BY 20260216 (YYYYMMDD).

c. NAME (Last, First, Middle Initial) (b)(6)	d. TITLE Div. Chief, Strategic Communications
e. OFFICE AARO	f. AGENCY OUSD(I&S)

g. SIGNATURE (b)(6)	h. DATE SIGNED (YYYYMMDD) 20260209
------------------------	---------------------------------------

Last updated: August 5, 2025

Meeting Location: Associated Universities Inc. (AUI) located across from the Dunn Loring Metro Station (2650 Park Tower Drive, Suite 700 Vienna, VA 22180)

UAP DATA WORKSHOP - WORKING AGENDA

Please Note: This agenda is tentative and subject to change.

August 4th:

Pre-workshop day – 7 pm to 9 pm

- **7:00-9:00 pm:** Networking social
 - *Light dinner near workshop venue (2655 Prosperity Ave. Fairfax, VA)*

August 5th:

9 am to 5 pm

- **8:00-9:00:** Breakfast
- **9:00-9:15:** Welcome, announcements, and workshop format overview
 - Tim Spuck (AUI)
 - Adam Cohen (AUI)
 - Jon Kosloski (All-domain Anomaly Resolution Office - AARO)
 - Gretchen Stahlman (Florida State University School of Information)
- **9:15-9:30:** Self-introduction of participants
 - *Less than 30 seconds per person*
- **9:30-10:45:** Keynote: Setting the stage: Importance of good UAP data
 - Robert Powell (Scientific Coalition for UAP Studies),
 - Jon Kosloski (AARO)
- **10:45-11:00:** Coffee break
- **11:00-12:00:** Breakout session #1: Identifying, accessing, and integrating data sources
- **12:00-12:15:** Report out
- **12:15-1:15:** Lunch and networking
- **1:15-2:15:** Plenary #1: Laura Domine (Postdoctoral Fellow, Center for Astrophysics, Harvard University)
- **2:15-2:45:** Coffee break
- **3:45-4:45:** Panel #1: Opportunities and challenges with AI (Moderator: Tim Spuck)
 - Abigail Haddad (Machine Learning Engineer)
 - Elliott Hauser (Assistant Professor, School of Information, University of Texas at Austin)
 - Duncan McCaskill (former U.S. Navy CDAO)
 - Matthew Szydagis (Associate Professor, Department of Physics, University at Albany)

- **4:45-5:45:** Breakout session #2: Pathways for data analysis and interpretation at scale
- **5:45-6:00:** Report out and wrapping up
- **7:00:** Light dinner @Inca Social (2670 Avenir Pl, Vienna, VA 22180)

August 6th:

9 am to 4 pm

- **8:00-9:00:** Breakfast
- **9:00-9:15:** Recap from Day 1
- **9:15-10:15:** Plenary #2: Stephen Breuhl (*Professor, Vanderbilt University Medical Center*)
- **10:15-10:45:** Participant presentations #1 (lightning talks)
- **10:45-11:00:** Coffee break
- **11:00-12:00:** Panel #2: Harmonizing qualitative and quantitative perspectives on narrative data (*Moderator: Gretchen Stahlman*)
 - Michael Cifone (*President & Executive Director, Society for UAP Studies*)
 - Amanda Focke (*Head of Special Collections, Rice University Fondren Library*)
 - Ben Gibson (*Social/Behavioral Scientist, RAND Corporation*)
 - Christian Stepien (*Chief Technical Officer, National UFO Reporting Center - NUFORC*)
- **12:00-1:00:** Lunch and networking
- **1:00-2:30:** Participant presentations #2 (lightning talks) + coffee (in the room)
- **2:30-3:30:** Breakout session #3: Interactive hackathon
 - *Cleaning, organizing, and linking data*
- **3:30-3:45:** Report out
- **3:45-4:00:** Whole group discussion and closing remarks
- **4:00:** Workshop concludes

2025 UAP Workshop: Narrative Data, Infrastructures, and Analysis
Associated Universities Inc. (AUI), Vienna, VA
August 5-6, 2025

TRAVEL AND LODGING INFORMATION

Making Travel Arrangements

The workshop will be held at Associated Universities Inc. (AUI) headquarters at [Suite 700, 2650 Park Tower Drive, Vienna, VA 22180](#).

Please reserve flights as soon as possible if you are planning to travel by plane to the workshop. We will not be able to reserve arrangements on your behalf or reimburse any travel costs.

If possible, please plan to arrive on the afternoon of 8/4 on Monday to be able to attend the social event at 7 pm that evening and begin the workshop at 9 am the morning of 8/5. Your departure date should ideally be after 6:00 PM Wednesday, August 6. The workshop will conclude at 4:00 pm, so you will want to leave some time to travel to the airport.

For reference, the closest airport is **Reagan Ronald Washington National Airport (DCA)**. If you are planning to travel by metro, note that the airport has a Metrorail station located at Terminal 2. Taxicabs and Ride App (Uber/Lyft) transportation are also available at their respective pick-up areas outside the airport.

Washington Dulles International Airport (IAD) is the second airport in the Washington D.C. area. It is recommended to take metro, Uber/Lyft or a taxicab from IAD to get to the workshop location and hotel. To travel by taxi from this airport, you will need to take a taxicab with the Washington Flyer service provider.

The hotel accommodation does not provide shuttle service from and to the airports.

If you have any questions about logistical information, please feel free to contact Gretchen Stahlman (gstahlman@fsu.edu) and CC your email to Miriam Kim (miriam.kim@rutgers.edu).

Hotel Information

Per previous communications, if you indicated a need for hotel accommodations, we have arranged (and paid in advance) your hotel booking for the requested nights at the Courtyard Dunn Loring Fairfax, located near the meeting location. You will be responsible for paying for incidental expenses and will be asked to provide a credit card upon check-in. The address of the hotel accommodation is the following:

Courtyard Dunn Loring Fairfax
2722 Gallows Road
Vienna, VA 22180
(703) 573-9555

	Full information about the hotel and its facilities can be found here: https://www.marriott.com/en-us/hotels/iadcy-courtyard-dunn-loring-fairfax/overview/ If you plan to take the metro from the airport to the hotel, you can depart from the airport metro station to get to the Dunn Loring-Merrifield metro station, a 5-minute walk from the hotel. Please visit the Metro website to find the train route (including transfers) and times. If you are arranging your own accommodations, several other hotels are located nearby, including: Homewood Suites by Hilton Falls Church 8130 Porter Rd Falls Church, VA 22042 (703) 560-6644 Archer Hotel Falls Church 8296 Glass Alley Fairfax, VA 22031 (571) 327-2277
Personal Vehicle Use and Parking	For Courtyard Dunn Loring Fairfax guests, the hotel provides daily on-site parking for your personal vehicle at a rate of \$10 per day. If your vehicle will be at the hotel's on-site parking space, you can take a 5-minute walk to the workshop venue. Note that we cannot reimburse expenses, including parking. If you have a personal vehicle and are unavailable for hotel parking, you can park your vehicle at the parking garage at the AUI office building. A visitor parking pass will be provided to you free of charge.
Meals/other accommodations	We will provide the majority of your meals throughout the conference dates for no cost. This will include daily breakfast, daily lunches, and refreshments on Tuesday 8/5 and Wednesday 8/6, as well as light dinners at 7 pm on Monday 8/4 and Tuesday 8/5. <u>If you have not already done so, please make sure to notify us about your dietary restrictions</u> so that we can accommodate you. The light dinner/social event on Monday 8/4 will be held at the following address: Condominium Building (common room) 2655 Prosperity Ave. Fairfax, VA The light dinner/social event on Tuesday 8/5 will be held at the following address: Inca Social 2670 Avenir Pl, Vienna, VA 22180 https://incasocial.com/
Lightning Talks	We would love to learn about your work! If you are interested in delivering a lightning talk (<10 minutes) about a topic related to UAP and/or data, please submit a title and abstract for the talk via email to Gretchen Stahlman (gstahlman@fsu.edu) and CC Miriam Kim (miriam.kim@rutgers.edu) by <u>no later than July 25, 2025</u>.

Subject: Invitation to participate in workshop on Unidentified Anomalous Phenomena (UAP) narrative data integration and analysis

We are writing to invite you to participate in the upcoming **"2025 UAP Workshop: Narrative Data, Infrastructures, and Analysis"**, which will be held **August 5-6, 2025, in the Washington, DC area**. This in-person, two-day event will bring together experts, researchers, and stakeholders to discuss best practices for Unidentified Anomalous Phenomena (UAP) narrative data collection, management, interoperability, and analysis methodologies to enhance transparency and scientific rigor in UAP research.

Analyzing reports of UAP related sightings and experiences presents unique challenges due to the large-scale, heterogeneous, and qualitative nature of the reports originating from military and civilian sources. These reports typically lack standardized metadata, formatting, or nomenclature, making comparative analysis difficult. Additionally, the integration of UAP reports from disparate sources—such as military databases, online reporting systems, digital and digitized archival records, and social media—poses significant challenges for harmonization and verification of data and construction of evidence. The complexity of these datasets requires innovative data infrastructure solutions to enhance reliability, accessibility, and interoperability. The workshop will explore these challenges and seek strategies to improve UAP data standardization, integration, and analytical approaches.

The workshop builds upon a previous NSF-funded workshop held in 2024, ["Unidentified Anomalous Phenomena \(UAP\): A Dialogue on Science, Public Engagement and Communication"](#). A new collaboration between the All-domain Anomaly Resolution Office (AARO), Associated Universities, Inc. (AUI), and Florida State University (FSU) has convened to host the upcoming event on the topic of narrative data.

Given your experience and expertise in areas such as UAP studies, data collection, management, interoperability, and/or analysis methodologies, we believe that you can make significant contributions to this gathering and its outcomes. If you choose to participate, you will have an opportunity to interact and collaborate with a small group of 25-30 experts, including information and data science researchers and practitioners, and government stakeholders focused on proposing a roadmap for the design and implementation of tools that will advance science, improve data management practice, and inform investments for UAP research.

While we are unable to compensate you for travel costs to/from the Washington, DC area, we will cover lodging expenses and most meals for the duration of the event. We expect this to be a

groundbreaking workshop and meaningful gathering of minds that will help to shape the future of UAP research.

If you are interested and can attend the event in person, we kindly ask that you fill out this form by June x, 2025:

[Event Participation Form]

If you cannot or do not plan to attend, we'd greatly appreciate it if you could let us know by responding to this email.

We sincerely hope you accept this invitation and look forward to seeing you at the event. **If you are unable to attend, please feel free to reply and nominate others with similar expertise who may wish to attend.** Note that due to limited budget and capacity, invitations are selective based on expertise. However, all outcomes will be communicated promptly, publicly, and transparently.

If you have any questions or require further information, please do not hesitate to contact us.

On behalf of the Organizing Committee,

Gretchen Stahlman, *Florida State University School of Information*

Tim Spuck, *Associated Universities, Inc.*

(b)(6)

CTR OSD OUSD INTEL & SEC (USA)

From: (b)(6)
Sent: Wednesday, July 30, 2025 3:04 PM
To: (b)(6) OSD OUSD INTEL & SEC (USA); (b)(6)
Cc: (b)(6) SOUTHCOM SCO URY (USA); (b)(6) CIV (USA); (b)(6) CIV OSD OUSD INTEL & SEC (USA); (b)(6) SOUTHCOM SCO URY (USA); (b)(6) CIV OSD OUSD INTEL & SEC (USA)
Subject: RE: [AARO] UAP Data Workshop - Looking Forward to Hosting You Both

Mr. (b)(6)

For Sunday Mass, feel free to choose, as any option will be very good for us. It will also be a pleasure to share a meeting with Dr. Jon Kosloski later. Thank you very much for the information provided, we will be in touch.

Sincerely,

(b)(6)

De: (b)(6) OSD OUSD INTEL & SEC (USA)
Enviado: (b)(6)
Para: (b)(6)
CC: (b)(6) SOUTHCOM SCO URY (USA); (b)(6) CIV (USA); (b)(6) CIV OSD OUSD INTEL & SEC (USA); (b)(6) SOUTHCOM SCO URY (USA); (b)(6) CIV OSD OUSD INTEL & SEC (USA)
Asunto: RE: [AARO] UAP Data Workshop - Looking Forward to Hosting You Both

Good afternoon,

(b)(6)

To prepare for your arrival, I have a few more items to share and confirm.

For mass on Sunday, do you have a preference on attending a service in Spanish or English? As for a specific church, would you and your wife prefer attending service at a church near your hotel, or traveling further to attend service at the [Washington National Cathedral](#)? After church, would you and your wife like to go out to eat to breakfast/brunch/lunch with Dr. Kosloski?

I have attached Dr. Kosloski's biography to this email ahead of the August 4 meeting. Following the meeting, we were able to get a reservation at the Pentagon Navy Executive Dining Facility at 1200 for you, (b)(6), Dr. Kosloski, and Mr. Josh Reiter, AARO's Chief Technology Officer.

For travel around the Virginia/Washington D.C. area, we recommend using Uber, Lyft, or the Washington Metro subway system. There is a subway station near your hotel, which will provide easy access to the rest of the area.

Lastly, if you have any questions or if any issues arise during your time in Virginia, please feel free to call or text my cell phone at any time at (b)(6)

We look forward to meeting you at the airport and hosting you next week!

All the best,

(b)(6)

Partner Engagement Officer
All-domain Anomaly Resolution Office (AARO)
Office of the Under Secretary of Defense for Intelligence and Security (OUSD(I&S))

(b)(6)

From: (b)(6) OSD OUSD INTEL & SEC (USA)
Sent: Tuesday, July 29, 2025 2:50 PM
To: (b)(6)
Cc: (b)(6) SOUTHCOM SCO URY (USA) (b)(6) CIV (USA) (b)(6) CIV OSD OUSD INTEL & SEC (USA) (b)(6) SOUTHCOM SCO URY (USA) (b)(6) CIV OSD OUSD INTEL & SEC (USA) (b)(6)
Subject: RE: [AARO] UAP Data Workshop - Looking Forward to Hosting You Both

Hello (b)(6)

We have received confirmation that your FVR and Pentagon Force Protection Agency (PFPA) Visitor Management System visit requests have been approved. You are all set to enter the Pentagon next Monday! Please make sure to bring the required documents listed in the emails from PFPA.

As for a meeting agenda for August 4, how does this look?

1000-1030	CRIDOVNI Mission Briefing
1030-1100	AARO Mission Briefing
1100-1200	Discussion of Briefings and Future Collaboration

Following the meeting, we plan to host you for lunch at Fresh Kitchen by Robert Irvine in the Pentagon at 1200-1300, then a private tour of the Pentagon at 1300-1400.

For the briefings, are there any specific topics you would like AARO to cover? Here are a few examples of topics we would be interested in learning about from CRIDOVNI:

- CRIDOVNI investigative process
- Analytic methods and tools used

- How does CRIDOVNI analyze narrative data, particularly for cases with little or no technical data?
- Most interesting UAP cases in CRIDOVNI database
- How CRIDOVNI operates within Uruguay Air Force
- Partnerships (scientific, governmental, other UAP research organizations in South America, etc.)
- Any other topics the CRIDOVNI team would like to present

If you have a presentation slideshow you would like to use, please send that to me when it is convenient for you, and I will pre-load it on the computer for Monday's meeting.

Lastly, we found a copy of the book *El misterio OVNI: los archivos oficiales abiertos* by Mr. Eduardo Aguirre Pacheco, and I have translated a few of the UAP cases within. Do you have any recommendations on specific cases or sections of the book that we should read ahead of our meeting next Monday?

We look forward to meeting you this weekend and hosting you at the Pentagon and workshop next week!

All the best,

(b)(6)

Partner Engagement Officer
All-domain Anomaly Resolution Office (AARO)
Office of the Under Secretary of Defense for Intelligence and Security (OUSD(I&S))

(b)(6)

From: (b)(6) OSD OUSD INTEL & SEC (USA)
Sent: Thursday, July 17, 2025 10:04 AM
To: (b)(6) SOUTHCOM SCO URY (USA) (b)(6)
(b)(6)
Cc: (b)(6) CIV OSD OUSD INTEL & SEC (USA) (b)(6)
(b)(6) SOUTHCOM SCO URY (USA) (b)(6)
(b)(6) CIV OSD OUSD INTEL & SEC (USA) (b)(6)
Subject: RE: [AARO] UAP Data Workshop - Looking Forward to Hosting You Both

(b)(6)

Excellent, thank you for your assistance with the FVR!

All the best,

(b)(6)

Partner Engagement Officer
All-domain Anomaly Resolution Office (AARO)
Office of the Under Secretary of Defense for Intelligence and Security (OUSD(I&S))

(b)(6)

From: (b)(6) SOUTHCOM SCO URY (USA) (b)(6)
Sent: Thursday, July 17, 2025 5:57 AM
To: (b)(6) OSD OUSD INTEL & SEC (USA) (b)(6)
(b)(6)
Cc: (b)(6) CIV OSD OUSD INTEL & SEC (USA) (b)(6)
Rok) CDR USN SOUTHCOM SCO URY (USA) (b)(6)
(b)(6) CIV OSD OUSD INTEL & SEC (USA) (b)(6)
Subject: Re: [AARO] UAP Data Workshop - Looking Forward to Hosting You Both

(b)(6) et al, we will work with the Uruguayan embassy for the FVR.

(b)(6)

v/r,

(b)(6)

From: (b)(6) OSD OUSD INTEL & SEC (USA)"

(b)(6)

Date: Wednesday, July 16, 2025 at 4:46:08 PM

To: (b)(6)

(b)(6)

Cc: (b)(6) SOUTHCOM SCO URY (USA)"

(b)(6) CIV (USA)" (b)(6)

(b)(6) CIV OSD OUSD INTEL & SEC (USA)"

(b)(6)

(b)(6)

(b)(6) SOUTHCOM SCO URY (USA)" (b)(6)

(b)(6)

(b)(6) CIV OSD OUSD INTEL & SEC (USA)" (b)(6)

Subject: RE: [AARO] UAP Data Workshop - Looking Forward to Hosting You Both

Good afternoon, (b)(6)

Certainly! We have extended your hotel reservation to include the night of August 2, and there is no extra charge for your wife to stay with you. AUI will send you an invoice for the extra night, so you can pay them directly.

Perfect, Dr. Kosloski plans to pick you and your wife up from the hotel on August 3 and drive you to mass. A slight correction to add: since Dr. Kosloski lives in Maryland, he will find a local church closer to your hotel in Virginia for you all to attend.

For the meeting on 4 August, excellent! In order for you to enter the Pentagon, we will need the Embassy of Uruguay in DC to submit a Foreign Visit Request (FVR) for you and (b)(6). Once the FVR is accepted, we will register you two in the Pentagon visitor management system. For a tentative schedule, we will plan on holding the meeting at 1000-1200, lunch at 1200-1300, and a Pentagon tour at 1300-1400.

For the presentation during the workshop, (b)(6) have been kind enough to set aside time for your presentation and Q&A.

We currently do not have any other registered guests from South America. I sent an invitation to the workshop to the Chilean (b)(6) here in D.C. to invite participants from SEFAA, but I did not receive a response. AARO plans to hold a follow-on data workshop in early 2026, so if you have contact information for other UAP research organizations in South America that you could share with us, we would very much appreciate it and like to extend invitations to them as well. Most of the workshop participants are from U.S.-based universities or UAP research organizations, along with several people from U.S. federal agencies.

All the best,

(b)(6)

Partner Engagement Officer
All-domain Anomaly Resolution Office (AARO)
Office of the Under Secretary of Defense for Intelligence and Security (OUSD(I&S))

(b)(6)

From: (b)(6)

Sent: Wednesday, July 16, 2025 12:22 PM

To: (b)(6) OSD OUSD INTEL & SEC (USA) (b)(6)

(b)(6)

Cc: (b)(6) SOUTHCOM SCO URY (USA) (b)(6)

(b)(6) CIV (USA) (b)(6) CIV OSD OUSD

INTEL & SEC (USA) (b)(6)

(b)(6) SOUTHCOM SCO URY (USA)

(b)(6)

Subject: RE: [AARO] UAP Data Workshop - Looking Forward to Hosting You Both

Good morning (b)(6), it is also a pleasure to meet you through this means, and we thank you for the invitation to participate in the UAP 2025 Workshop in Washington D.C.

As for the trip to Washington, I will be accompanied by my Wife, while (b)(6) will be traveling alone. After the Workshop, my wife and I will stay a few more days in the U.S. as tourists.

Regarding accommodation, I will need a room for me and my wife as from August 2nd. Would you be able to book the room at the (b)(6) for both of us? I will be taking care of the expenses for the additional night, and of the price difference that may exist for including my wife for the rest of the days. I would be grateful if you could confirm this to me as soon as possible.

In relation to attending the religious service, my wife and I will gladly attend Mass; we are both Catholics, and it will be an honor to be able to participate.

On August 4, of course, we will be available for a meeting at the Pentagon, it is of special interest to us to be able to establish a further working relationship with the AARO, and to exchange information and experiences.

We would certainly like to present on CRIDOVNI's work. We would need about 15 minutes, and will then be open to questions.

Finally, we would like to know if there will be other guests from South America, and, if possible, get to know who they are, so as to know a bit more about our audience.

Looking forward to seeing you in DC.
Best regards,

(b)(6)

De: (b)(6) OSD OUSD INTEL & SEC (USA)

Enviado: Martes, 15 de Julio de 2025 13:20

Para: (b)(6)

CC: (b)(6) SOUTHCOM SCO URY (USA); (b)(6) CIV (USA);

(b)(6) CIV OSD OUSD INTEL & SEC (USA); (b)(6)

(b)(6) SOUTHCOM SCO URY (USA); (b)(6)

Asunto: [AARO] UAP Data Workshop - Looking Forward to Hosting You Both

Dear (b)(6)

This is (b)(6) the partner engagement officer at the All-domain Anomaly Resolution Office (AARO). It is great to meet you both! We are looking forward to hosting you at our upcoming UAP data workshop. To prepare for your arrival, there are a few details we would like to confirm.

For airport pickup, we will meet you two at Washington Dulles International Airport (IAD) at 1503 on 2 and 3 August, then drive you to your hotel. Following the workshop, we would be happy to help arrange a ride back to the airport if needed.

For lodging, AARO will provide hotel rooms at the (b)(6) for Sunday, Monday, Tuesday, and Wednesday nights (3-7 August). Since you are traveling all the way to the U.S. to join the workshop, we were able to extend the hotel reservation an extra night (3 August). Our workshop implementing partner, AUI, will send an email today with additional logistics information, including hotel room assignments. Since (b)(6) will arrive on 2 August, do you have a hotel reservation for that night? It appears the (b)(6) (b)(6) has rooms available for that night, so that would be a convenient option.

For 3 August (Sunday), if (b)(6) is religious and looking to attend service, Dr. Kosloski would be glad to host you at Catholic mass at his church.

On 4 August (Monday), would you two be available for a meeting at the Pentagon to provide briefings on our respective work at CRIDOVNI and AARO? In addition to an overview of our work, some topics of discussion could be the types of UAP data our offices analyze, types of analysis we undertake, and ways our offices can collaborate moving forward. This meeting would be between CRIDOVNI and AARO, and one or two extra people who work on U.S.-Uruguay defense relations may also attend. Afterward, we will be happy to host you two for a lunch and tour of the Pentagon.

If you would like to present on CRIDOVNI's work during the workshop, we would certainly make time for you to present. Our implementing partner has 10-minute time slots for presentations, but we can set aside more time if you would like more time to present on your work. Gretchen and Tim (CC'd here) are the two lead personnel from AUI organizing the workshop and can help answer questions about presentation length and timing. I believe all participants at the workshop will be quite familiar with the UAP topic and would value an opportunity to hear more about CRIDOVNI's work.

Please let me know if you have any questions leading up to the workshop, and I will be happy to assist. I will also be available throughout the workshop to assist with any questions or issues that arise.

We look forward to hosting you at the workshop!

All the best,

(b)(6)

Partner Engagement Officer

All-domain Anomaly Resolution Office (AARO)

Office of the Under Secretary of Defense for Intelligence and Security (OUSD(I&S))

(b)(6)

(b)(5)

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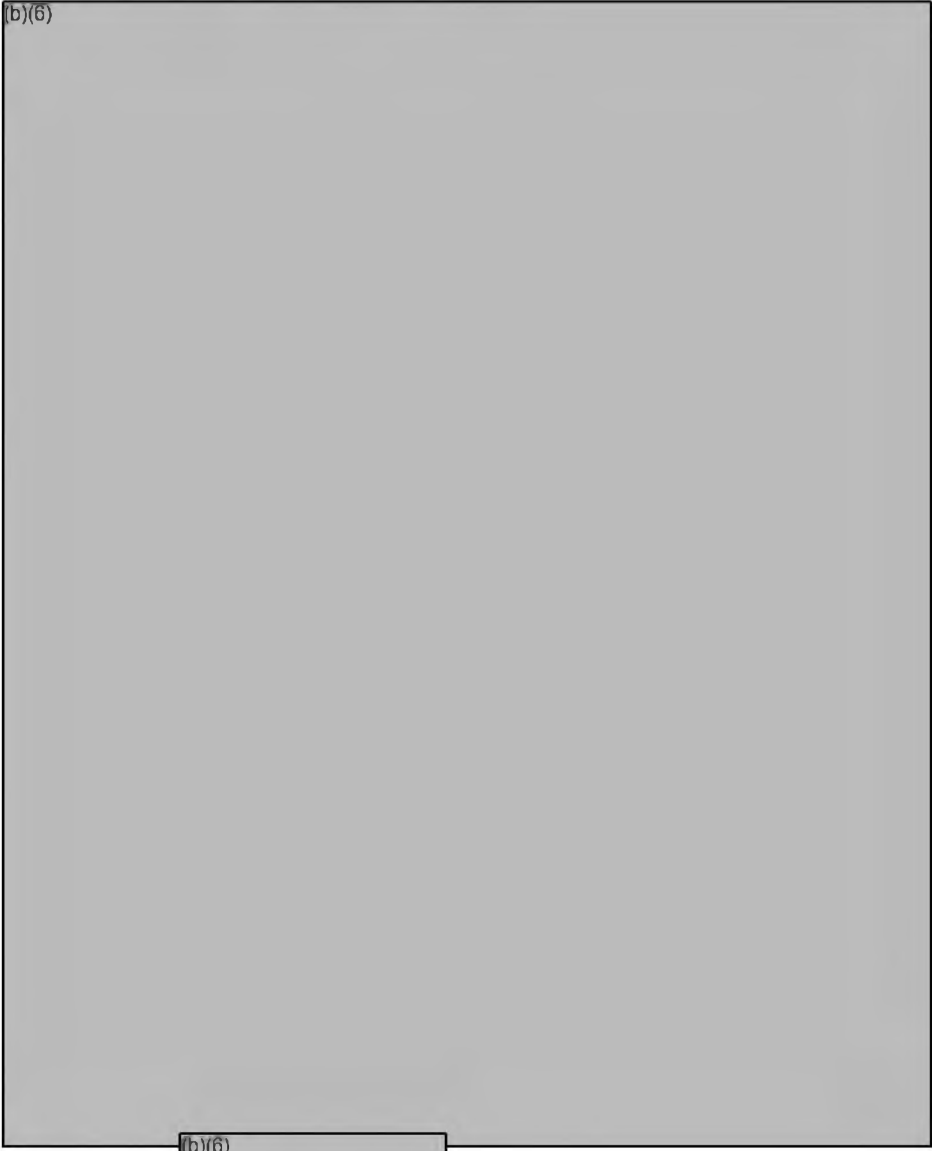
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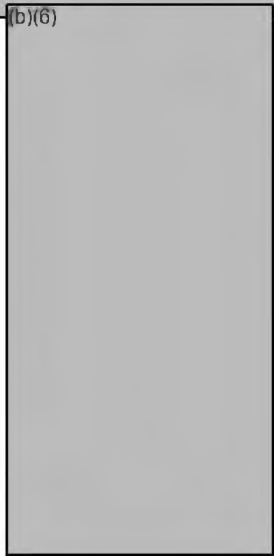
(b)(5)

Last Name	First Name	Email
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(b)(6)



(b)(6)



Institution

University of Utah

UAlbany SUNY Department of Physics

Center for Astrophysics, Harvard University

University of Texas at Austin

Society for UAP Studies; Galileo Project; Wellesley College Dept. Physics & Astronomy

National Archives and Records Administration, Information Security Oversight Office (ISOO)

Scientific Coalition for UAP Studies

Society for UAP Studies

Rush University Medical Center | AAIA UAP IOC

NASA Headquarters

RAND Corp.

Rice University / Archives of the Impossible

Self

Self

Self

The National UFO Historical Records Center

Rutgers/FSU

National Archives and Records Administration

George Mason University

US Air Force

Society for UAP Studies

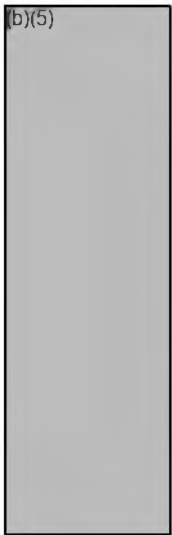
Rutgers/FSU

CRIDOVNI (Uruguay)

CRIDOVNI (Uruguay)

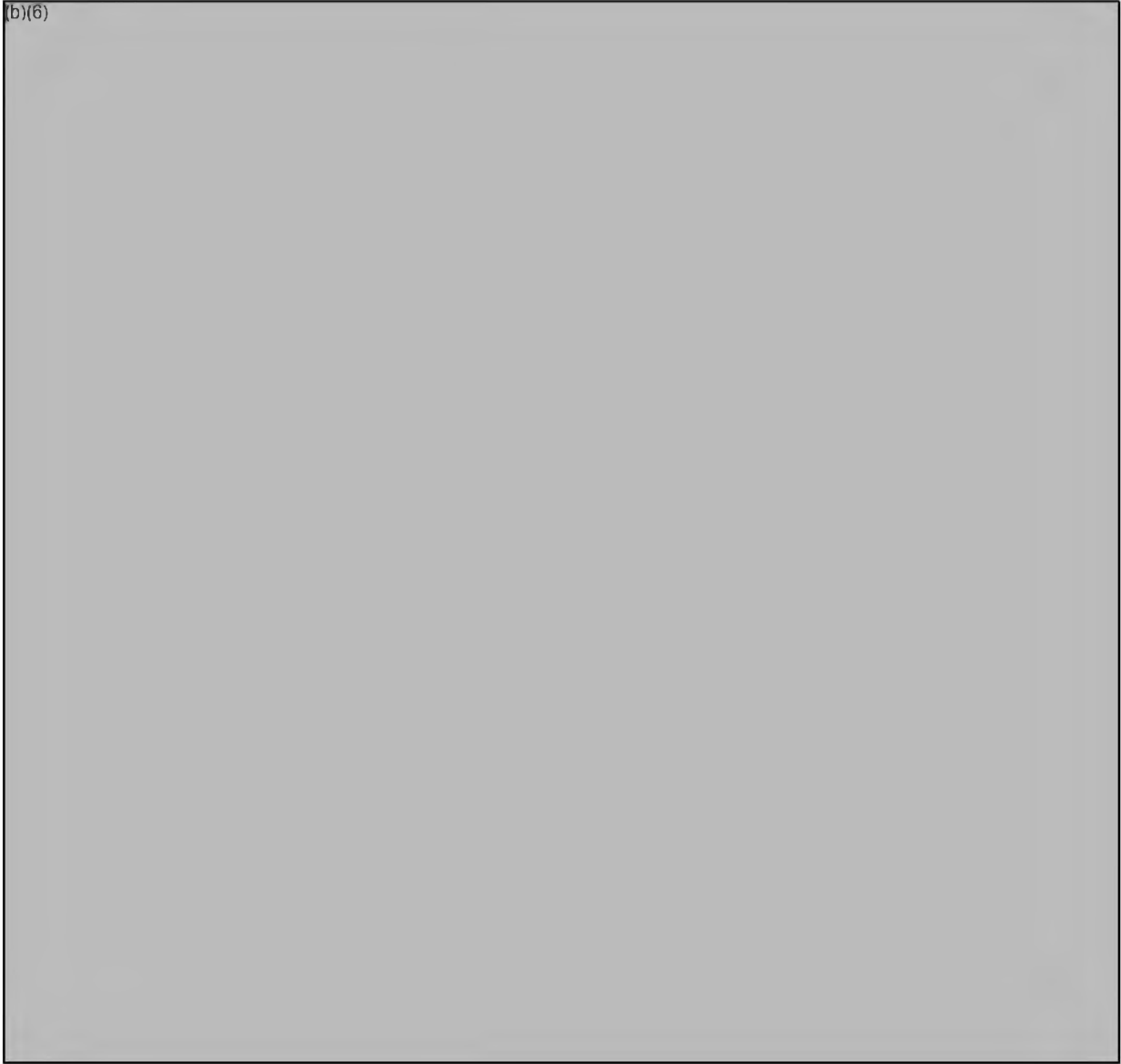
Australian Government

(b)(5)



Title

(b)(6)



Attending both days?	Needs lodging?	8/4 Hotel	8/5 Hotel
Yes	Yes	X	X
Yes	Yes	X	X
Yes	Yes	X	X
Yes	Yes	X	X
Yes	Yes	X	X
Yes	Yes	X	X
Yes	No		
Yes	Yes	X	X
Yes	Yes	X	X
Yes	Yes	X	X
Yes	No		
Yes	Yes	X	X
Yes	Yes if possible but not if others have greater need	X	X
Yes	Yes	X	X
Yes	Yes	X	X
Yes	No		
Yes	Yes	X	X
Yes	Yes	X	X
August 5, maybe August 6	No		
Yes	No		
Yes	No		
Yes	No		
Yes	Yes	X	X
Yes	Yes	X	X
Yes	Yes	X	X
	No		

8/6 Hotel

X

X

X

X

X

X

X

X

**2025 UAP Workshop:
Narrative Data, Infrastructures, and Analysis**

Statement of Work (SOW)

April 25, 2025

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INTRODUCTION/BACKGROUND

This Statement of Work (SOW) outlines the objectives, scope, deliverables, timeline, and responsibilities for planning and executing a two-day workshop on Unidentified Anomalous Phenomena (UAP) reporting data infrastructure and analysis. The workshop will bring together experts, researchers, and stakeholders to discuss best practices for UAP data collection, management, interoperability, and analysis methodologies to enhance transparency and scientific rigor in UAP research.

Analyzing reports of UAP related sightings and experiences presents unique challenges due to the large-scale, heterogeneous, and qualitative nature of the reports originating from military and civilian sources. These reports typically lack standardized metadata, making comparative analysis difficult. Additionally, the integration of UAP reports from disparate sources—such as military databases, online reporting systems, digital and digitized archival records, and social media—poses significant challenges for harmonization and verification of data and construction of evidence. The complexity of these datasets requires innovative data infrastructure solutions to enhance reliability, accessibility, and interoperability. The workshop will explore these challenges and seek strategies to improve UAP data standardization, integration, and analytical approaches.

SCOPE OF WORK

The scope of work includes the planning, implementation, evaluation, and documentation of a workshop focused on UAP reporting and data. The primary objectives of this workshop are to:

- Assess the current landscape of UAP reporting systems and data repositories;
- Identify key challenges and gaps in UAP data collection, standardization, and accessibility;
- Explore methodologies for data analysis and pattern recognition in UAP reports;
- Nurture trust and collaboration between researchers, government agencies, and civilian organizations; and
- Propose recommendations for developing a robust UAP data infrastructure.

Specific activities, deliverables, and milestones to achieve these objectives are listed in the Work Requirements and Schedules and Milestones sections of this SOW.

PERIOD OF PERFORMANCE

The period of performance for the project is ten months beginning on 1 March 2025 through 31 December 2025. All work must be scheduled to complete within this timeframe.

PLACE OF PERFORMANCE

The primary place of performance is Associated Universities, Inc. (AUI), where planning and coordination of deliverables will occur in collaboration with the workshop planning committee

(see the Roles and Responsibilities section below). AUI will work with Florida State University (FSU) to implement the workshop and logistics.

WORK REQUIREMENTS

AUI and FSU will interface closely with the planning committee and sponsor to coordinate and implement tasks throughout various stages of this project. The following is a list of these stages and tasks which will result in the successful completion of the project:

1. Planning and preparation:

- Define workshop agenda, themes, and session topics.
- Identify and invite subject matter experts, researchers, and key stakeholders.
- Develop workshop materials, including presentations and discussion guides.
- Arrange logistics such as venue, audiovisual requirements, lodging, and catering.
- Coordinate with data providers to gather relevant datasets for analysis demonstrations.

2. Workshop implementation:

- Conduct keynote sessions featuring experts in UAP data infrastructure and analysis.
- Organize panel discussions on topics such as:
 - Standardization of UAP reporting formats.
 - Challenges in data verification and reliability.
 - Integration of machine learning and AI in UAP data analysis.
 - Ethical and privacy considerations in UAP reporting.
- Facilitate breakout group discussions to generate actionable insights and recommendations.
- Provide demonstrations of existing UAP reporting and analysis platforms.

3. Post-workshop activities:

- Collect and analyze feedback from participants.
- Summarize key findings and recommendations in a final report.
- Distribute materials and presentations to participants.
- Identify next steps for ongoing research and collaboration.

SCHEDULE/MILESTONES

The tables below contain deliverables and detailed timeline for completion:

Deliverable	Description	Due Date
Workshop Agenda	Detailed schedule, topics, and speakers	4 weeks before event
Speaker & Participant List	Confirmed guest speakers and attendees	3 weeks before event
Presentation Materials	Slide decks, case studies, and datasets	1 week before event

Workshop Report	Summary of discussions, findings, and recommendations	2 weeks after event
Follow-Up Plan	Next steps for collaboration and research	3 weeks after event

Task	Duration	Completion Date
Workshop planning & coordination	8 weeks	TBD
Speaker & participant invitations	6 weeks	TBD
Development of materials	4 weeks	TBD
Venue & logistics preparation	3 weeks	TBD
Workshop execution	2 days	TBD
Post-workshop reporting & follow-up	28 weeks	TBD

ROLES AND RESPONSIBILITIES

Project activities will be led by AUI, in close coordination with FSU and AARO. An organizing committee will be formed and will be composed of representatives from AUI (Spuck), FSU (Stahlman), and AARO. The committee will meet regularly to:

- Oversee the planning and execution of the workshop;
- Coordinate with speakers and participants;
- Ensure logistical arrangements are in place; and
- Develop and distribute materials.

CRITERIA FOR EVALUATION OF SUCCESS

The project will be considered successful if:

- At least 80% of invited speakers and participants attend the workshop and engage in discussions;
- Key findings and recommendations are documented and shared with the sponsor and stakeholders;
- Actionable steps are identified for improving UAP data infrastructure; and
- Participants express a high level of satisfaction through post-event feedback.

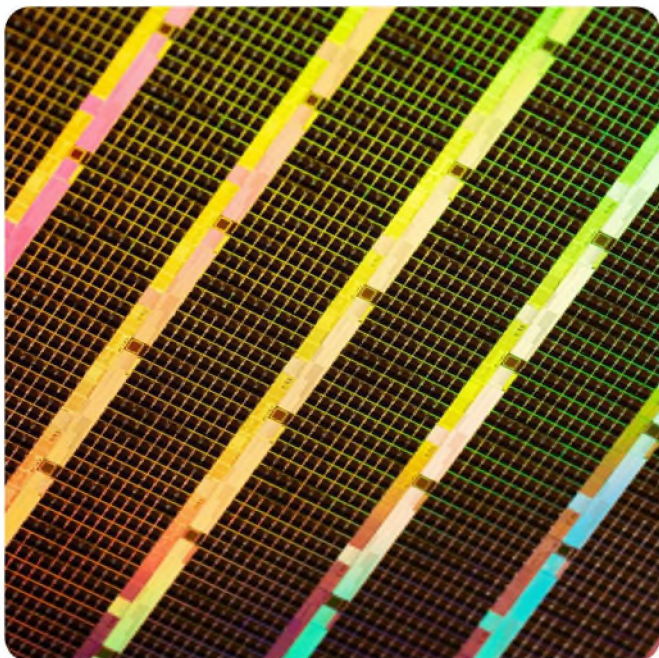
UAP Data Quality and Its Related Challenges – What's Needed to Move Forward



Robert Powell

Background and Experience

- BS Chemistry, helped develop AMD's flash memory technology by reducing electron tunneling damage.
- Managed a state-of-the-art chemistry and material analysis lab and later an R&D group
- Retired early in late 2006
- Averaged 20-40 hr weeks on UAP for 18 years, interviewed over 150 eyewitnesses, and as MUFON's Dir of Research, read thousands of UAP reports
- Authored three books on UAP, three monographs on major incidents, and authored and co-authored five academic papers.
- Co-founded the Scientific Coalition for UAP Studies



SCU OVERVIEW

Founded in 2017, the SCU is a 501 (c)(3).

Mission: The Scientific Exploration of Unidentified Aerospace Phenomena.

Our 390 members comprise scientists, engineers, former military officers and forensic investigators, and include people whose careers include NASA, ESA, Lockheed Martin, Sandia Labs, NORAD, high tech industry, and universities.

SCU holds an annual conference, has ongoing projects, and an internal review process to support publications of scientific papers by members.

Board Members

Robert Powell
Richard Hoffman
Morgan Beall
Dr. Doug Buettner
Dr. Laura Dominé
Larry Hancock
Peter Reali
Dr. Cameron Pratt

UAP Data Quality and Its Related Challenges – What's Needed to Move Forward

- Familiarization with Historical Information on the UAP Subject
- Understand Methodologies and Nuances of Current UAP Databases
- Improved Methods for Analysis of Anecdotal Data
- Improved Collection of Anecdotal Data
- Collection of Scientific Data



Familiarization with Historical Information on the UAP Subject



Recommended Books in a Structured Reading Sequence



- *The UFO Experience: A Scientific Inquiry*, Dr. J. Allen Hynek, 1972
- *The UFO Controversy in America*, Dr. David Jacobs, 1976
- New science of Unidentified Aerospace-Undersea Phenomena, *Progress in Aerospace Sciences*, Knuth et al., 2025
- *Clear Intent*, Lawrence Fawcett & Barry Greenwood, 1984
- *The UFO Enigma*, Dr. Peter Sturrock, 1999
- *UFOs and Government: A Historical Inquiry*, Dr. Michael Swords, Robert Powell, et al., 2012
- *The Scientific Study of Unidentified Flying Objects*, Dr. Edward Condon, 1968
- *Project Identification: The First Scientific Field Study of UFO Phenomena*, Dr. Harley Rutledge, 1981
- *Grassroots UFOs*, Dr. Michael Swords, 2005
- *Unconventional Flying Object: A Scientific Analysis*, Paul Hill, 1995
- *Strange Company: Military Encounters with UFOs in WWII*, Keith Chester, 2007
- *UFOs*, Robert Powell, 2024

Scientists of the Past Who Studied the UAP Subject



- Dr. Lincoln LaPaz, astronomer, 1947-64
- Dr. J. Allen Hynek, astrophysicist, 1948-86
- Dr. H. Marshall Chadwell, physical chemist, CIA's office of scientific investigation, 1952-53
- Dr. Donald Menzel, astrophysicist, 1952-76
- Dr. Thornton Page, astronomer, 1952-74
- Dr. Hermann Oberth, astrophysicist and rocket pioneer, 1954-59
- Dr. James McDonald, atmospheric physicist, 1955-1971
- Dr. Edward Condon, physicist, 1966-70
- Dr. Roy Craig, chemist, 1966-95
- Dr. Harley Rutledge, physicist, 1973-87
- Dr. Peter Sturrock, astrophysicist, 1968-2010
- Dr. Bruce Maccabee, physicist, 1968-2023
- Dr. John Mack, psychiatrist, 1992-2004

Understand Methodologies and Nuances of Current UAP Databases



UAP Report History and Databases



~300,000 Reports Over 80 years

Military Databases

**United States (1947-1969),
(2021-present)**
United Kingdom (1950-2008)
Canada (1952-1979)
Australia (1952-1983)
New Zealand (1952-2009)
Brazil (1952-1986)
France (1977-present)

Civilian Databases

APRO (1952-1988)
NICAP (1956-1980)
CUFOS (1973-2002)
MUFON (1969-present)
NUFORC (1974-present)
Enigma (2023-present)
UFOCAT (summary)

Examples of UAP Database Limitations



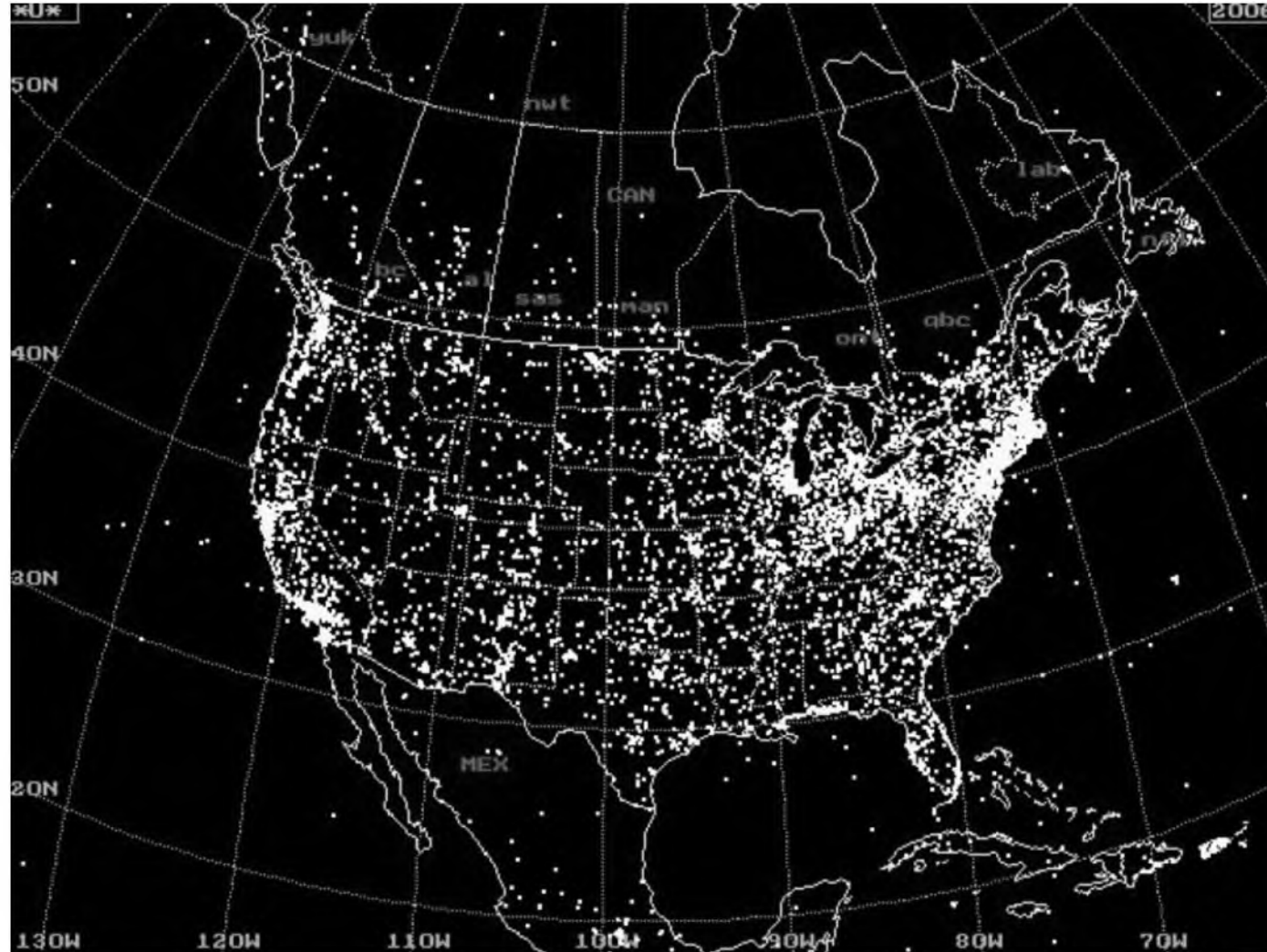
- **Almost all data is anecdotal and highly variable in quality**
- **U.S. Centric databases, so any worldwide data analysis will be prejudiced**
- **U.S. military reports 1970-2020 minimal due to lack of data collection, impacting chronological analysis**
- **Only U.S. civilian data reports and France's GEIPAN data base are easily accessible**
- **NUFORC data includes non-witness data (MADAR)**
- **MUFON data is screened for unknowns vs identified but screening quality is haphazard**

Database Quality



- **Major causes of UAP reports**
 - Misidentification
 - Insufficient data
 - Hoaxes
- **True unknowns**
 - < 9% (Hendry)
 - < 6% (Project Blue Book)
- **>90% of UAP reports are not UAP**

Location of All UFO Reports (UFOCAT)



Database Quality and Shape Analyses



Evaluation of unfiltered report databases for shapes

Truettner & Deyarmond, 1949	Sphere
NICAP, 1964	Disc
Gindilis et al., 1979	Crescent
UKMoD, 2000	Ball
Johnson & Saunders, 2002	Disc
Teodorani, 2009	Starlike
Dittman & Rutkowski, 2014	Starlike
AARO, 2022	Sphere

Evaluation of filtered databases for shapes

Battelle, 1955	Elliptical
Powell, Little, et al., 2024	Disk(Elliptical)

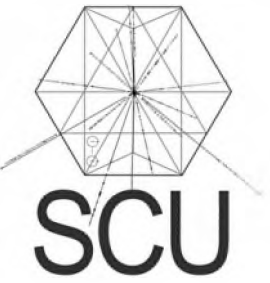
Improved Methods for Analysis of Anecdotal Data

Raw Statistical Methods

Manual Data Selection

Natural Language Processing (NLP)





Examples of Anecdotal UAP Reports

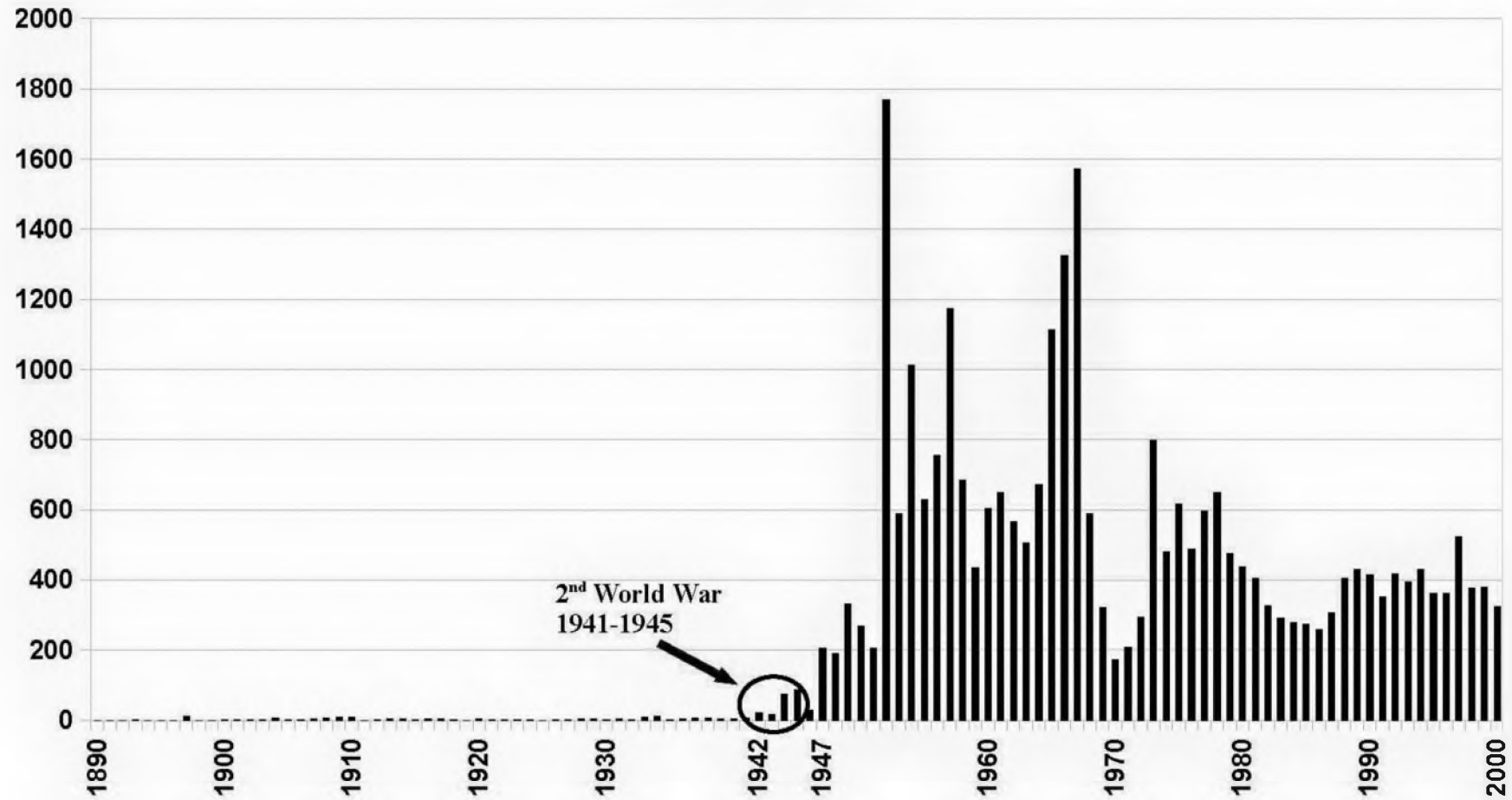
- "I pulled my patrol car onto the shoulder to meet another deputy. ...When the disc stopped moving forward it was about 50 yards from our position."
- "I was traveling west on Highway Loop 1604 south of Camp Bullis Military Reservation. My 20-year-old son and two other adult friends all witnessed the event. ...My vehicle was within a few hundred yards of the craft as it passed slowly over the highway."
- "I saw a bright white flashing light on the horizon and my first thought was UFO because that's how I am. ...I frequently have reoccurring dreams of UFOs flying over me being terrified and the UFO would fly back over me, hover, and my dream would end."
- "My husband and I have been abused by these aliens and I know some of them by name. ...I saw so many people held hostage in that underground lab."

Raw Statistical Data

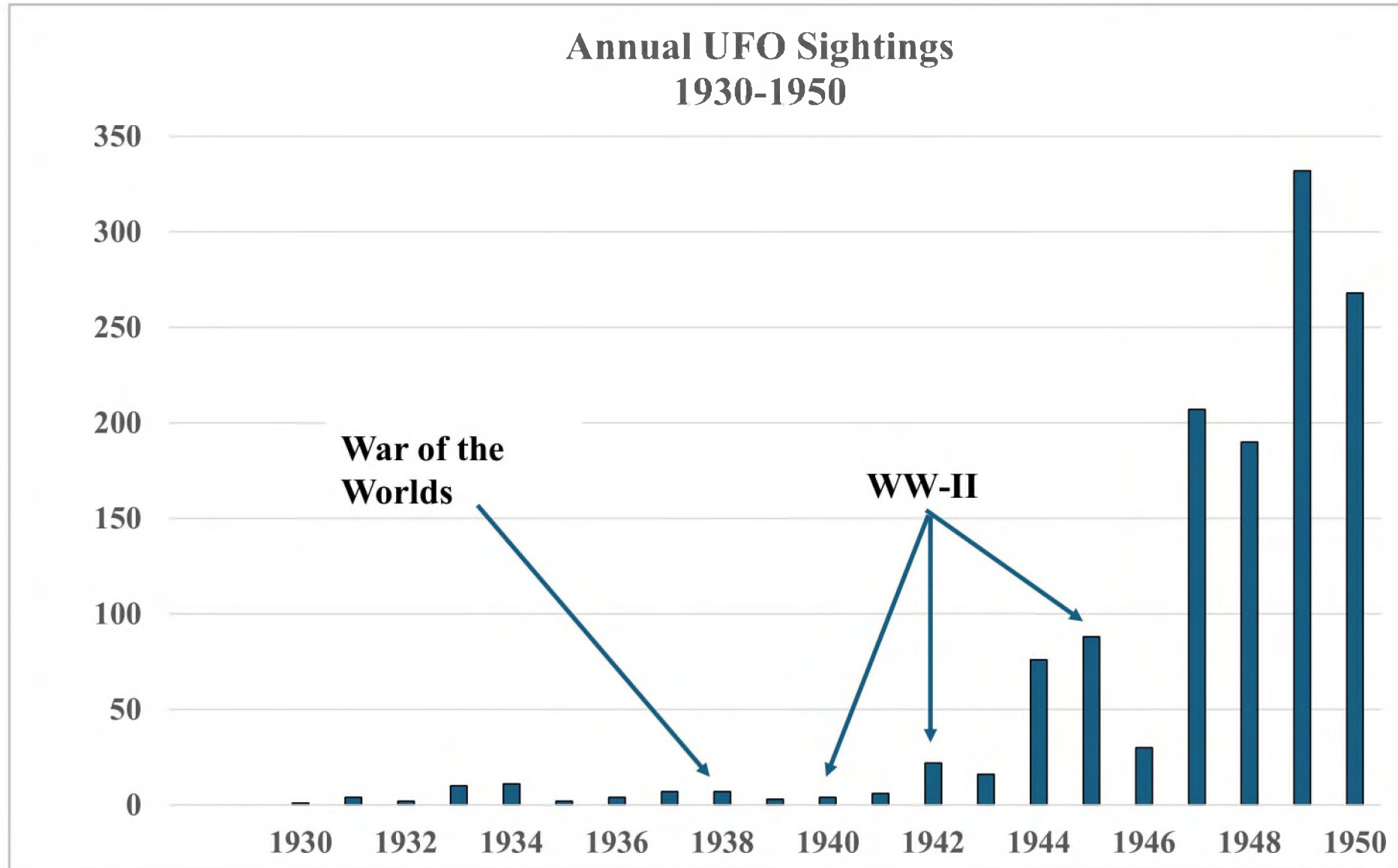


Modern Beginning of U.F.O.s

Annual UFO Sightings
1890-2000



Modern Beginning of U.F.O.s



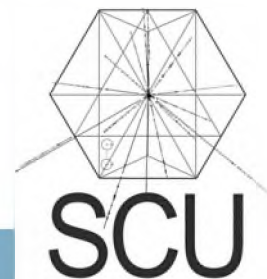
Manual Data Selection



Manual Selection of Anecdotal Reports



- This method is extremely painstaking
- Establish criteria to select UAP reports that will increase the likelihood that the anecdotal report is of sufficient quality
- Collect data such as shape, approximate distance, size, and speed, electromagnetic effects, etc.
- Evaluate characteristics in the curated database against those from the original dataset; there should be a significant difference if your curation was meaningful



Using Manually Curated Data Sets

- The Reported Shape, Size, Kinematics, Electromagnetic Effects, and Presence of Sound of Unidentified Aerial Phenomena from Select Reports, 1947-2016 by Powell, Little, et al.
<https://doi.org/10.5281/zenodo.10287332>
- UAP Cluster Analysis from Witness Reports by Stephen Bruehl
A preprint version of Steve's paper will be available on the SCU website shortly. Steve will be discussing it later in this workshop.

Methodology: Selection Criteria



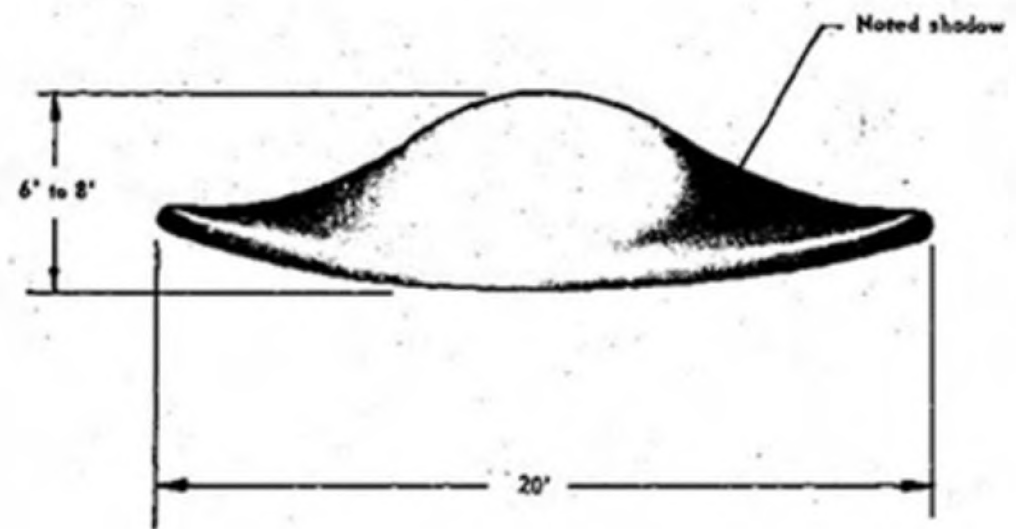
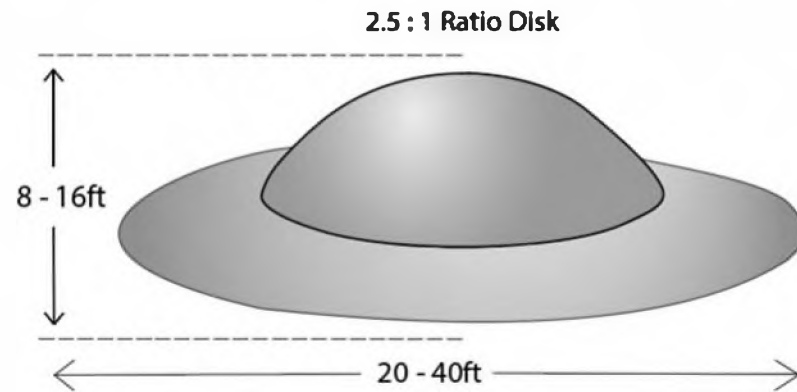
UAP databases were first screened for unresolved candidates by selecting reports that had been investigated.

Unresolved subsample was screened further for:

1. Reliability of observations – multiple witnesses and/or high quality
2. Nearness of object – minimum of 0.15 degrees angular size (no lights in sky)
3. Sufficient lighting – daytime or lighting available at night
4. Sufficient detailed information – report completed

301 of ~100,000 case reports met these criteria

Most Common Shape from the Kinematics Paper vs the Battelle Report of 1955



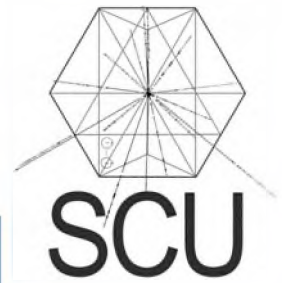
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Natural Language Processing



SCU

Natural Language Processing (NLP) for UAP reports



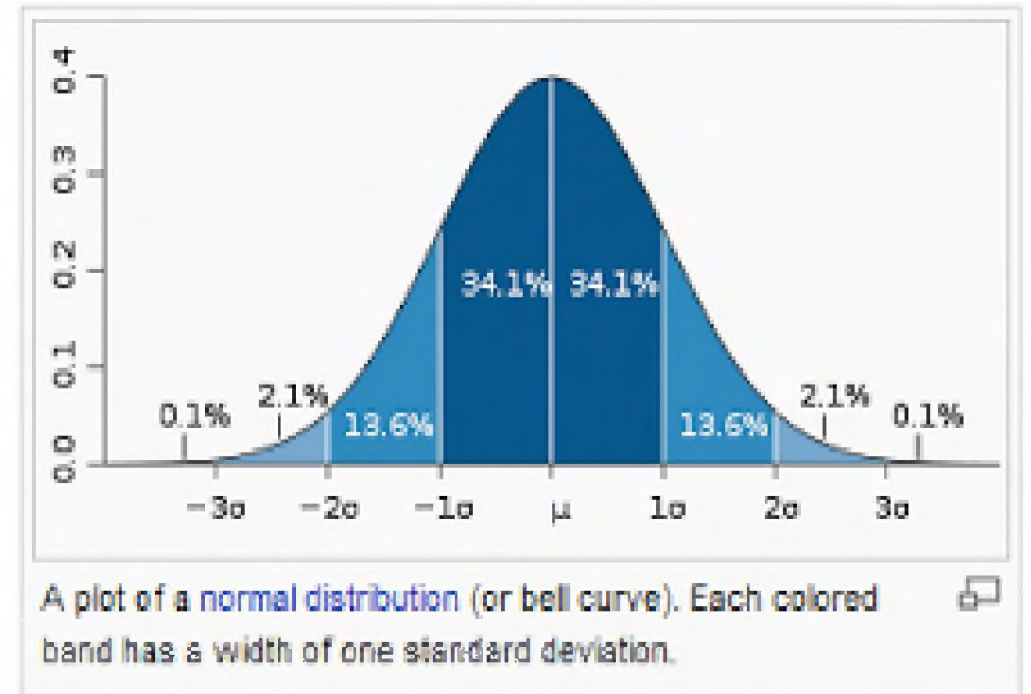
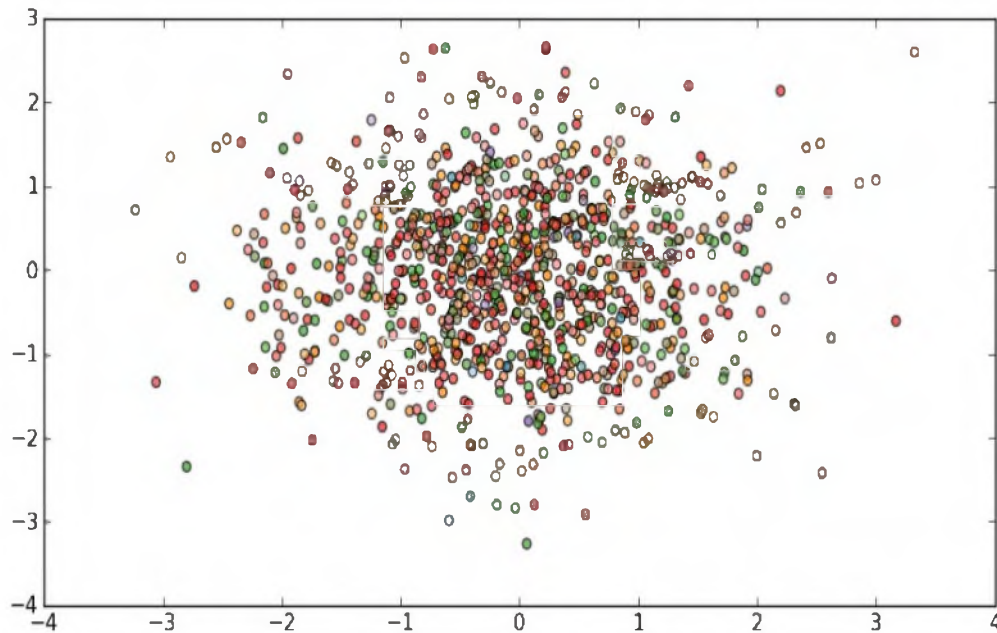
- Subfield of linguistics, computer science, and artificial intelligence
- Used to extract information and insights contained in written text documents as well as categorize and organize the documents themselves
- Use machine learning algorithms with human inputs

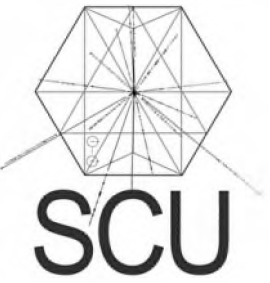
Natural Language Processing (NLP)



- Threats of Violence: “A weakly supervised Bayesian model for violence detection in social media,” AE Cano Basave, Y He, K Liu, J Zhao, 2013.
- Medical Issues: “Automated identification of postoperative complications within an electronic medical record using natural language processing,” HJ Murff, F FitzHenry, ME Matheny, N Gentry, KL Kotter, 2011.
- Disaster Warnings: “Identifying disaster-related tweets and their semantic, spatial and temporal context using deep learning, natural language processing and spatial analysis: a case study of Hurricane Irma,” MA Sit, C Koylu, I Demir, International Journal of Digital Earth, 2019.

NLP Converts Random Data into a Histogram Distribution





Examples of Anecdotal UAP Reports

- "I pulled my patrol car onto the shoulder to meet another deputy. ...When the disc stopped moving forward it was about 50 yards from our position." +10
- "I was traveling west on Highway Loop 1604 south of Camp Bullis Military Reservation. My 20-year-old son and two other adult friends all witnessed the event. ...My vehicle was within a few hundred yards of the craft as it passed slowly over the highway." +7
- "I saw a bright white flashing light on the horizon and my first thought was UFO because that's how I am. ...I frequently have reoccurring dreams of UFOs flying over me being terrified and the UFO would fly back over me hover and my dream would end." -4
- "My husband and I have been abused by these aliens and I know some of them by names. ...I saw so many people held hostage in that underground lab." -7

Improved Collection of Anecdotal Data



SCU

Improved Collection of Anecdotal Data



- Current databases fragmented with inconsistent data collection; none are consistent from database to database; untrained investigators
- Standardized data formats are needed for straight forward data analysis
- Standardized methods of collecting data are required
- Standard investigator training is also required

Improved Collection of Anecdotal Data



- Triage poor reports up front and concentrate on high quality reports with multiple witnesses & sensor data; use NLP as a triage tool
- Investigator studies witness background, witness report, and geographical area prior to the interview; in-person interview if possible on a high value report
- Open-ended questions up front; close-ended questions for information clarification; avoid prejudicial questions (Did the object make a sudden right-angle turn?)
- See appendix for proposed questionnaire (also in my book, *UFOs*)

Follow Up After Interview



- Quick obtainment of additional sensor information from a case is critical (Project Blue Book, Nimitz 2004, & most civilian reports are examples of failures)
- Interviewer determines if additional data may be available (radar, photos/video in visible or IR, more witnesses, etc)
- Interviewer establishes if trace evidence may be present (EM traces, contact or near-contact with soil or shrubbery, physical material left behind, etc.)
- If trace evidence is present then a team of scientists is required to reach the site to properly sample the soil, plants, etc. (French GEPAN 1981-82)

Collection of Scientific Data

Type of Data to Collect

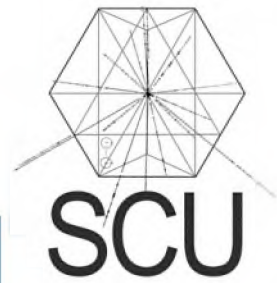
Efforts To date Including Published Paper List

Needs Moving Forward



SCU

Types of Data to Collect



- Previous study of UAP reports helps determine the type of data to collect
- Visible and IR frequencies, acoustical data, EM frequencies in the 1-4 GHz range, magnetic fields, hyperspectral imaging, and time dilation and gravimetric changes
- Detection on more than one system
- Distance, speed and acceleration based on radar (active and/or passive) and triangulation from sensors



Preparation of Data

- Automated detection systems are the most feasible approach as detection by a human operator is limited by time committed to waiting for a UAP event with equipment in hand
- Several automated detection systems developed by UFODAP, Sky360, Gremlin at Georgia Tech, Galileo Project, Wellesley
- A large amount of work related to equipment calibration, characterizing known objects in the sky, and determination of equipment capabilities and error limits
- Significant progress has been made by the Galileo Project and Wellesley College in developing and calibrating sensors for UAP detection

Recently Published Papers Re: UAP Sensor Systems



Dominé L., et al. [2024]. Commissioning an all-sky infrared camera array for detection of airborne objects. *Sensors*, 25, 783. <https://doi.org/10.3390/s25030783>

Kayal, H., et al. [2023]. Research on Unidentified Aerial Phenomena at the Julius-Maximilians-University of Würzburg. AIAA AVIATION 2023 Forum. <https://arc.aiaa.org/doi/10.2514/6.2023-4100>

Knuth, K., et al. [2025]. The new science of Unidentified Aerospace-Undersea Phenomena (UAP). *Progress in Aerospace Sciences*, 101097. <https://doi.org/10.1016/j.paerosci.2025.101097>

Mead A., et al. [2023]. Multi-band acoustic monitoring of aerial signatures. *Journal of Astronomical Instrumentation*, 12(01), 2340005. <https://doi.org/10.1142/S2251171723400056>

Randall M., et al. [2023] Skywatch: A passive multistatic radar network for the measurement of object position and velocity. *Journal of Astronomical Instrumentation*, 12(01), 2340004. <https://doi.org/10.1142/S2251171723400044>

Szenher M., Delacroix A., et al. [2023]. A hardware and software platform for aerial object localization. *Journal of Astronomical Instrumentation*, 12(1), 2340002. <https://doi.org/10.1142/S2251171723400020>

Recently Published Papers Re: UAP Sensor Systems



Szydagis M., et al. [2025] Initial results from the first field expedition of UAPx to study unidentified anomalous phenomena. *Progress in Aerospace Sciences*, 156, 101099.

<https://doi.org/10.1016/j.paerosci.2025.101099>

Tedesco, J.J. and Tedesco, G.T. [2024] Eye on the Sky: A UAP research and field study off New York's Long Island coast. *Open Journal of Applied Sciences*, 14, 2267-2295.

<https://doi.org/10.4236/ojapps.2024.148152>

Teodorani, M. [2004] A long-term scientific survey of the Hessdalen phenomenon. *Journal of Scientific Exploration*, 18.2, 217-251. <https://hessdalen.org/reports/scex1802217251.pdf>

Vervelidou, F., et al. [2025] The deployment of a geomagnetic variometer station as auxiliary instrumentation for the study of Unidentified Aerial Phenomena. <https://arxiv.org/html/2507.11355v1>

Watters, W., et al. [2023] The Scientific Investigation of Unidentified Aerial Phenomena (UAP) using multimodal ground-based observatories. *Journal of Astronomical Instrumentation* 12(01).

<https://doi.org/10.1142/S2251171723400068>

Future Needs



- The study of UAP is similar to that of Global Warming in that it requires the participation of multiple scientific disciplines – physics, astronomy, chemistry, biology, psychology, sociology.
- Current academic UAP research is being conducted using volunteer time and small donations totaling less than a few million dollars a year.
- Congress should appropriate significant funding specifically for the study of UAP through the National Science Foundation. This is the only way that we will obtain an answer to the UAP question.

UAP Data Quality and Its Related Challenges – What's Needed to Move Forward

- Familiarization with Historical Information on the UAP Subject
- Understand Methodologies and Nuances of Current UAP Databases
- Improved Methods for Analysis of Anecdotal Data
- Improved Collection of Anecdotal Data
- Collection of Scientific Data



Appendix



SCU

WITNESS INFORMATION

Current Age _____

Phone _____

Education _____

Hearing _____ **Health** _____

Describe what you were doing before the event and what you saw once the event began.

[illegible]

WITNESS SIGHTING; SPECIFIC QUESTIONS

Location of the sighting along with latitude/longitude values if known

Description of the object at various angles

Date and Time when you saw the object

How do you know what the time was?

For how long did you observe the object?

What made you first notice the object?

What did you think the object was when you first noticed it?

Time, direction & elevation in which the object was first seen?

Relative size of object at arm's length; first seen.

Time, direction & elevation in which the object was closest?

Relative size of object at arm's length; at its closest approach.

Time, direction & elevation in which the object was last seen?

Relative size of object at arm's length; last seen.

How did you lose sight of the object?

What were the weather and sky/star conditions?





Were there any notable astronomical objects or man-made objects in the sky near the object?
If yes, indicate the approx time, object's relationship in the sky to the known object, brightness comparison, size comparison, etc.

Brightness of object. Choose one. (a) brighter than the sun (b) brighter than the moon (c) bright(er) than a particular star/planet; example: It was about as bright as Jupiter. (d) brighter than the sky background but no lights (e) same darkness as the sky (f) darker than the sky (g) other; (explain)

Lumination of the object. Choose one. Was the object(s) (a) self-luminous (b) dull finish (c) reflecting (d) transparent (e) other (explain)

Color of the object

Was the object "fuzzy," "sharply outlined," or "like a bright star?"

Did the object move in front or behind anything

Description of speed

Any sound, heat or smell?

Any other aircraft in the area?

Any affect before or after on electronic products?

Any animal reactions?

If only lights were seen, did the lights maintain fixed positions?
stars were ever blocked out?

Do you remember if background

Please provide a detailed sketch of the object(s), including color, lights, and surface features or texture.



Please give names and contact information for any other witnesses.

Have any other groups or individuals interviewed you?

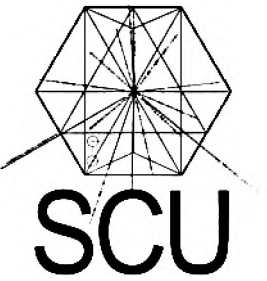
If yes, then provide names and date of interview.

Other Comments

Previous Sightings?

If yes then fill out a second form describing that occurrence.

What were your thoughts regarding UFOs prior to your sighting?



QUESTIONS TO USE IF A WITNESS HAS AN ELECTROMAGNETIC ISSUE WITH A DEVICE SUCH AS A CELL PHONE, CAMERA, TV, AUTOMOBILE, ETC.

Model of affected equipment.

How long witness has owned equipment?

How often does the witness charge the equipment's battery?

If applicable, did the equipment lose a signal?

Did the equipment power down?

Did equipment retain power, but some apps shut down or failed to work (list)

Did equipment get warm or hot to the touch?

If a call was made was there any effect on sound quality (for example, buzzing, hiss, popping, reverb, wowing, hearing other calls)? If "yes", was the sound quality affected by whomever was being called?

Did equipment function normally after the encounter (signal restored, powers up normally, able to operate properly, etc)

Have any specific apps stopped working correctly (list)?

If available, measure the equipment for any electrical or magnetic traces using a EM meter. Take measurements at varied distances from the equipment until the signal fades. Provide a drawing.

Measure distances in all directions along with readout values. Measure a similar unaffected piece of equipment to use as a control.

Has the battery life changed?

Has any data been corrupted (saved photos, vids, music lost, apps dropped, etc)

If equipment doesn't work anymore would the witness consider giving it to you for analysis?

Check with the owners of all nearby cell equipment towers and determine if any equipment outages occurred during the time frame in question.

If any other witnesses were in the area, check the operation of their equipment even if they were not using their equipment and were not aware that there had been any equipment failure.