

Annual fridge temperature log template excel Workbook

Annual fridge temperature log template excel is an essential tool for ensuring food safety, maintaining compliance with health standards, and preventing spoilage in both commercial and residential settings. Proper temperature management of refrigeration units is crucial for keeping perishable items fresh and avoiding costly food waste or health violations. By utilizing an effective template in Excel, users can streamline the process of monitoring, recording, and analyzing fridge temperatures over the course of a year. This article explores the importance of maintaining a proper temperature log, the benefits of using an Excel template, and how to create or choose the best annual fridge temperature log template excel for your needs.

Understanding the Importance of a Fridge Temperature Log

Why Monitoring Fridge Temperatures Is Critical

Maintaining the correct temperature in refrigeration units is vital for food safety and quality. The United States Food and Drug Administration (FDA) recommends that refrigeration temperatures be kept at or below 40°F (4°C). Temperatures above this threshold can promote bacterial growth, leading to foodborne illnesses. Regularly monitoring and recording these temperatures helps prevent potential health hazards and ensures compliance with local health regulations.

Legal and Regulatory Compliance

Many industries, including restaurants, catering services, and food manufacturing, are required by law to keep detailed temperature logs. Regulatory agencies such as the FDA, OSHA, and local health departments may conduct inspections and review your logs. An organized, consistent temperature record demonstrates your commitment to food safety and can help avoid fines or shutdowns.

Preventing Food Waste and Financial Loss

Consistent temperature monitoring helps identify issues early, such as malfunctioning thermostats or door seals, preventing spoilage of stored goods. This proactive approach reduces food waste, preserves product quality, and protects your bottom line.

Advantages of Using an Excel-Based Annual Fridge Temperature Log Template

Customization and Flexibility

Excel templates can be tailored to specific needs, whether you manage a small home fridge or a large commercial refrigeration system. You can add or remove columns, set specific alert thresholds, and modify formatting to suit your preferences.

Automation and Data Analysis

Excel offers built-in functions, formulas, and pivot tables that can automatically analyze temperature data, generate summaries, and highlight anomalies. This makes it easier to interpret trends over time and take corrective actions.

Cost-Effective and Accessible

Since Excel is widely used and often already available on computers, creating or downloading an annual fridge temperature log template is a cost-effective solution compared to specialized software.

Ease of Record-Keeping and Reporting

Organized logs in Excel can be easily exported, shared, and stored for compliance audits. Digital records reduce the risk of data loss compared to paper logs.

How to Create or Select an Effective Annual Fridge Temperature Log Template Excel

Key Features to Look For

When choosing or designing your template, ensure it includes:

- Date and Time Columns
- Temperature Recording Fields
- Location/Unit Identification
- Comments or Notes Section
- Automatic Alerts or Conditional Formatting
- Summary and Trend Charts

Sample Structure of an Annual Fridge Temperature Log Template Excel

A well-structured template should have:

- **Date:** The specific date of recording.
- **Time:** The exact time the temperature was checked.
- **Unit Location:** Identifies which fridge or freezer is being monitored.
- **Temperature (°F or °C):** The recorded temperature.
- **Notes:** Any observations or issues, such as door left open or malfunction.
- **Status:** Visual indicators (e.g., color-coded cells) showing if the temperature is within safe range.

Using Conditional Formatting for Better Monitoring

Applying conditional formatting in Excel can help quickly identify out-of-range temperatures:

- Green cells for temperatures within the safe range.
- Yellow for warnings approaching the upper/lower thresholds.
- Red for temperatures exceeding safe limits.

This visual cue facilitates immediate recognition of potential issues.

Incorporating Automation and Data Visualization

Leverage Excel features such as:

- Formulas to calculate averages, minimums, maximums, and deviations.
- Pivot tables for summarizing data across months or units.
- Charts and graphs displaying temperature trends over time.
- Alerts that trigger when thresholds are crossed.

These tools make ongoing monitoring more manageable and insightful.

Practical Tips for Maintaining Your Annual Fridge Temperature Log

Consistent Recording Schedule

Set specific times for temperature checks?e.g., twice daily?to ensure comprehensive coverage. Consistency is key to reliable data.

Regular Equipment Maintenance

Ensure thermometers are calibrated correctly and that refrigeration units are functioning properly.

Faulty equipment can lead to inaccurate logs.

Data Backup and Security

Save Excel files in cloud storage or external drives to prevent data loss. Protect sensitive data with passwords if necessary.

Review and Analyze Data Periodically

Perform monthly reviews to identify patterns or recurring issues. Address problems promptly to maintain optimal refrigeration conditions.

Templates and Resources for Downloading or Customizing

There are numerous free and paid Excel templates available online designed specifically for fridge temperature logging. Popular sources include:

- Microsoft Office Templates
- Food safety industry websites
- Custom spreadsheet designers on platforms like Etsy

Alternatively, you can create your own from scratch using the guidelines provided above, tailoring it to your specific monitoring needs.

Conclusion

An **annual fridge temperature log template excel** is a vital component of effective food safety management. It simplifies the process of tracking temperatures, ensures compliance with health regulations, and helps prevent costly spoilage. Whether you operate a restaurant, catering business, or maintain a home fridge, leveraging a well-designed Excel template can provide clarity, organization, and peace of mind. Regularly updating and analyzing your temperature logs will contribute to safer food handling practices and a more efficient operation. Invest a little time today to set up your template, and enjoy the benefits of streamlined refrigeration monitoring throughout the year.

Annual fridge temperature log template excel is an essential tool for ensuring food safety, maintaining compliance with health regulations, and optimizing the efficiency of refrigeration units in various settings. Whether you manage a restaurant, a commercial kitchen, a grocery store, or even a large household, maintaining a consistent and accurate record of fridge temperatures is crucial. Using an Excel template tailored for this purpose simplifies the process, automates calculations, and

provides a clear, organized way to track temperature data over the course of a year. This article explores the importance of temperature logging, the features of an effective Excel template, and how to leverage such tools for maximum benefit.

Understanding the Importance of Temperature Monitoring

Why is Temperature Logging Critical?

Maintaining appropriate refrigerator temperatures is vital for preventing foodborne illnesses, reducing spoilage, and complying with food safety standards set by agencies such as the FDA or local health departments. Regular temperature logs serve as documented proof that proper handling procedures are being followed.

Key reasons include:

- Food safety compliance: Many regulations require daily or periodic temperature checks and documentation.
- Spoilage prevention: Keeping food at the right temperature slows bacterial growth.
- Quality assurance: Consistent temperatures preserve food quality and shelf life.
- Audit readiness: Proper logs streamline inspections and audits.

Risks of Poor Temperature Management

Failing to monitor and record temperatures can lead to:

- Food spoilage and waste
- Legal penalties and fines
- Damage to reputation
- Increased health risks for consumers

Features of an Effective Annual Fridge Temperature Log Template in Excel

Creating or selecting an Excel template for annual fridge temperature logging involves considering several vital features that ensure accuracy, usability, and compliance.

Key Features

- Automatic Date and Time Stamps: Ensures each entry is accurately logged without manual input errors.
- Multiple Temperature Zones: Support for tracking multiple fridge compartments or units simultaneously.
- Visual Data Representation: Graphs and charts to visualize temperature trends over time.
- Conditional Formatting: Highlights readings outside acceptable ranges for quick identification.
- Data Validation: Prevents entry of invalid temperatures.
- Comments and Notes Section: Allows recording of anomalies or maintenance notes.
- Protection and Locking: Protects formulas and structure from accidental edits.
- Monthly and Yearly Summary: Provides quick overviews and compliance checks.

Advantages of Using Excel for Temperature Logging

- Customization: Easily adapt templates to specific needs.
- Automation: Use formulas for calculations such as average, maximum, minimum temperatures.
- Accessibility: Share via email or cloud storage for team collaboration.
- Cost-Effective: No additional software needed if you already have Excel.
- Data Analysis: Use Excel's powerful tools for analyzing long-term trends.

Designing Your Annual Fridge Temperature Log in Excel

Creating a comprehensive template involves careful planning. Here are steps and tips to design your own or select an ideal existing template.

Step 1: Determine Your Data Collection Frequency

Decide whether you will log temperatures daily, multiple times a day, or weekly. This influences the layout and data volume.

Step 2: Define Your Data Columns

Typical columns include:

- Date
- Time
- Refrigerator Unit/Zone
- Temperature Reading
- Status (OK/ALERT)
- Notes/Comments

Step 3: Set Acceptable Temperature Ranges

Based on guidelines (e.g., 33°F to 40°F for refrigeration), embed data validation and conditional formatting to flag readings outside this range.

Step 4: Incorporate Formulas and Automation

Use formulas to:

- Calculate daily averages
- Track the number of violations
- Generate alerts for out-of-range temperatures

Step 5: Create Visual Charts

Implement line graphs showing temperature fluctuations over time, enabling quick visual assessment.

Step 6: Protect and Share the Template

Lock cells containing formulas to prevent accidental changes. Save as a shared file or cloud document for team access.

Sample Structure of an Annual Fridge Temperature Log Template in Excel

Date	Time	Unit/Zone	Temperature (°F/°C)	Status	Notes
-----	-----	-----	-----	-----	-----
2024-01-01	08:00 AM	Main Fridge	38	OK	Regular check
2024-01-01	12:00 PM	Main Fridge	39	OK	No issues
2024-01-01	04:00 PM	Freezer	-2	OK	Maintained
...	...	...	...	...	...

This structure can be expanded with monthly summaries, violation counts, and trend analysis charts.

Tips for Maintaining an Accurate and Useful Log

- Consistent Timing: Record temperatures at the same times daily.
- Calibration Checks: Regularly calibrate thermometers to ensure accuracy.
- Immediate Recording: Log temperatures immediately after readings to prevent data loss.
- Address Violations Promptly: Investigate and resolve temperature excursions as soon as they occur.
- Review Data Periodically: Monthly reviews help identify patterns and preempt issues.

Benefits of Using an Excel-Based Annual Temperature Log

- Organization: Keeps all data in one structured file.
- Historical Data Access: Long-term records for audits and troubleshooting.
- Compliance Evidence: Easily export reports for inspections.
- Trend Identification: Spot seasonal or operational issues affecting temperatures.
- Ease of Use: User-friendly interface suitable for staff with basic Excel skills.

Potential Challenges and How to Overcome Them

- Data Entry Errors: Use data validation and dropdown menus.
- File Corruption or Loss: Regularly back up your logs.
- Keeping Up with Logging Frequency: Automate reminders or integrate with digital thermometers.
- Limited Technical Skills: Provide training or choose pre-made templates with instructions.

Conclusion

The annual fridge temperature log template excel is an invaluable resource for ensuring food safety, operational efficiency, and regulatory compliance. Its customizable features, data analysis capabilities, and ease of use make it an ideal choice for a wide range of users—from small household setups to large commercial operations. By implementing a well-designed template, organizations can streamline their temperature monitoring process, quickly identify issues, and maintain thorough documentation that stands up to audits and inspections. Whether you choose to craft your own or adopt a ready-made template, the key to success lies in consistency, accuracy, and proactive management. Embracing digital tools like Excel for temperature logging not only enhances record-keeping but also contributes to safer, higher-quality food storage practices.

QuestionAnswer What is an annual fridge temperature log template in Excel used for? An annual

fridge temperature log template in Excel is used to record and monitor the temperature of refrigeration units over a year, ensuring compliance with health and safety standards and maintaining proper food storage conditions. How can I customize an Excel template for my fridge temperature log? You can customize an Excel fridge temperature log template by adding your specific storage locations, adjusting date ranges, setting temperature thresholds, and including additional columns for notes or maintenance details to suit your needs. What are the benefits of using an Excel-based annual fridge temperature log? Using an Excel-based log allows for easy data entry, automated calculations, trend analysis, and straightforward report generation, helping ensure consistent temperature monitoring and regulatory compliance. Where can I find free annual fridge temperature log templates for Excel? Free templates can be found on various websites such as Microsoft Office Templates, food safety authority sites, or industry-specific resource platforms that offer customizable Excel logs for refrigeration temperature tracking. How often should I update the fridge temperature log in Excel? The log should be updated at least once daily, preferably multiple times a day, to ensure consistent monitoring, with entries recorded in the designated columns for each date and time. Can I automate alerts for temperature deviations in my Excel fridge log? Yes, by using conditional formatting or Excel formulas, you can set up alerts that highlight or notify you when temperatures go outside the acceptable range, helping to promptly address issues.

Related keywords: fridge temperature tracking, refrigeration log sheet, temperature monitoring template, excel fridge log, food safety record sheet, temperature log spreadsheet, refrigeration maintenance template, temperature audit form, fridge temperature tracker, excel food storage log

Aiga graphic design usa the annual of the american

aiga graphic design usa the annual of the american is a prestigious publication and event that highlights the vibrant and innovative world of graphic design across the United States. Celebrating the best in visual communication, the AIGA Graphic Design USA Annual serves as both a comprehensive showcase of exemplary work and a vital resource for design professionals, students, and enthusiasts alike. With a rich history dating back decades, this annual publication reflects the evolving trends, technological advancements, and societal influences shaping the American graphic design landscape today.

Understanding AIGA and Its Role in American Graphic Design

What is AIGA?

AIGA, the American Institute of Graphic Arts, is the oldest and largest professional membership association for design in the United States. Established in 1914, AIGA advocates for design

excellence, equity, and impact through education, community engagement, and professional development. Its mission centers on advancing designing as a professional craft, strategic tool, and vital cultural force.

The Significance of the AIGA Graphic Design USA Annual

The annual publication, often referred to simply as the "AIGA Annual," is a curated collection of the year's most outstanding graphic design projects. It recognizes excellence in design, promotes innovation, and provides insights into current trends and future directions of the industry.

Features of the AIGA Graphic Design USA Annual

Curated Design Showcase

The core of the Annual is a carefully curated selection of projects that exemplify creativity, originality, and effectiveness. These projects span various categories, including:

- Brand Identity and Logo Design
- Print and Editorial Design
- Digital Design and User Experience (UX)
- Environmental and Experiential Graphics
- Packaging Design
- Motion Graphics and Animation

Expert Jury and Selection Process

Each year, a diverse panel of industry leaders, renowned designers, and educators reviews hundreds of submissions. The selection process emphasizes innovation, strategic thinking, craftsmanship, and social relevance, ensuring that only the most compelling work makes it into the publication.

In-Depth Case Studies

Beyond showcasing final designs, the Annual often includes detailed case studies that delve into the creative process, challenges faced, and strategic thinking behind the projects. This educational component offers valuable insights for emerging designers and seasoned professionals alike.

Design Trends and Industry Insights

The publication also features articles analyzing current trends in graphic design, technological

advancements, and shifts in client expectations. These insights help readers stay ahead of the curve and adapt to the rapidly changing industry landscape.

The Impact of the AIGA Graphic Design USA Annual on the Design Community

Recognition and Career Advancement

Having a project included in the Annual is a significant achievement that can elevate a designer's reputation. It provides visibility among peers, potential clients, and industry leaders, often leading to new opportunities and collaborations.

Inspiration and Education

The Annual serves as a source of inspiration, showcasing innovative ideas and bold concepts. It also functions as an educational resource, offering case studies and commentary that shed light on best practices and emerging techniques.

Fostering a Creative Community

AIGA's annual celebration helps foster a sense of community among designers. Events, exhibitions, and discussions surrounding the publication promote dialogue, mentorship, and the exchange of ideas.

Key Trends in American Graphic Design Highlighted by the Annual

1. Emphasis on Social Responsibility and Inclusivity

Design projects increasingly focus on social issues, diversity, and inclusion. The Annual showcases work that promotes social justice, environmental sustainability, and community engagement.

2. Integration of Technology and Interactivity

Digital innovation plays a vital role, with projects utilizing augmented reality, immersive experiences, and interactive interfaces to engage audiences more deeply.

3. Minimalism and Bold Visual Language

While minimalism remains popular, there is also a trend toward bold, expressive visuals that capture attention and communicate messages powerfully.

4. Hybrid and Multidisciplinary Approaches

Designers are blending various disciplines?typography, illustration, photography, and digital media?to create cohesive, multi-sensory experiences.

How to Participate in the AIGA Annual

Submission Guidelines

Designers interested in showcasing their work should familiarize themselves with the submission criteria, which typically include:

- High-quality images of the project
- Project descriptions and strategic context
- Category-specific requirements
- Application deadlines

Benefits of Submission

Participating offers multiple advantages, such as:

- Exposure to a broad professional audience
- Recognition within the design community
- Opportunity for networking and professional growth
- Potential inclusion in the annual publication and related exhibitions

Tips for a Successful Submission

- Ensure your project aligns with current trends and demonstrates innovation.
- Provide clear, compelling descriptions that contextualize your work.
- Showcase a diverse range of skills and approaches.
- Follow all submission guidelines meticulously to avoid disqualification.

Where to Find the Latest AIGA Graphic Design USA Annual

Purchase Options

The Annual is available through various channels, including:

- Official AIGA website
- Major bookstores and online retailers
- Design conferences and events
- Specialized art and design shops

Digital Access and Resources

In addition to the print edition, digital versions and supplementary resources are often provided, allowing for broader accessibility and interactive engagement.

Conclusion: Celebrating American Creativity Through the AIGA Annual

The AIGA Graphic Design USA Annual stands as a testament to the innovative spirit and cultural diversity of American graphic design. It not only celebrates excellence but also inspires future generations of designers to push boundaries and explore new possibilities. By highlighting the most compelling work of the year, the Annual fosters a vibrant community committed to advancing design as a powerful tool for communication, social change, and artistic expression.

Whether you're a seasoned professional, a student, or simply an admirer of creative visual communication, engaging with the AIGA Annual offers invaluable insights into the dynamic world of American graphic design. Stay connected, stay inspired, and be a part of shaping the future of design in the United States.

Keywords for SEO Optimization:

AIGA graphic design USA, AIGA Annual, American graphic design, design trends 2023, graphic design awards, visual communication, design innovation, professional design community, graphic design projects, design inspiration in USA

AIGA Graphic Design USA: The Annual of the American Visual Identity

Introduction

AIGA Graphic Design USA: The Annual of the American Visual Identity stands as a cornerstone event in the landscape of contemporary design. Celebrating the dynamic and diverse world of American graphic design, this annual publication and exhibition showcase the year's most innovative, impactful, and influential work from designers across the country. As a reflection of cultural shifts, technological advancements, and societal needs, the annual serves not only as a showcase but also as a barometer of the evolving design ethos in the United States. With roots deeply embedded in the mission to elevate the standards of professional practice and to promote

design literacy, AIGA's annual continues to inspire, challenge, and inform design practitioners, students, and enthusiasts alike.

The Origins and Significance of AIGA's Annual

A Brief History of AIGA and Its Annual

Founded in 1914, the American Institute of Graphic Arts (AIGA) has long been dedicated to advancing design as a professional craft, strategic tool, and vital cultural force. The annual, launched decades ago, emerged as a way to highlight exemplary work, recognize outstanding designers, and foster a shared sense of community among practitioners.

Over the years, the annual has evolved from a simple compilation of notable projects into a comprehensive reflection of the state of American design. It not only features award-winning work but also includes essays, interviews, and critical analyses that contextualize design within broader social, political, and technological frameworks.

Why the Annual Matters Today

In an era marked by rapid technological change, shifting cultural paradigms, and increasing societal complexity, the annual serves multiple vital functions:

- Inspiration: Showcasing cutting-edge projects sparks creativity and innovation among designers.
- Benchmarking: Offering a standard of excellence that guides professional practice.
- Advocacy: Elevating the perception of design's importance in societal development.
- Education: Providing insights into emerging trends, tools, and methodologies.

The Selection Process: Curating the Best of American Design

Criteria and Judging Methodology

The process of selecting works for inclusion in the annual is rigorous and transparent. It typically involves:

- Open Submissions: Designers and studios submit their work for consideration, often through an online portal.
- Expert Jury: A distinguished panel of design professionals, educators, and industry leaders review submissions. The jury is diverse, representing various disciplines, regions, and perspectives.
- Evaluation Factors: Jurors assess based on originality, technical skill, strategic impact,

relevance, and how well the work resonates culturally and socially.

Categories and Types of Work Featured

The annual covers a broad spectrum of design disciplines, including:

- Branding and Identity: Logos, corporate branding, visual identities.
- Print Design: Magazines, posters, packaging, books.
- Digital and Interactive: Websites, apps, digital campaigns.
- Environmental Design: Signage, wayfinding, exhibit design.
- Social Impact Projects: Campaigns addressing social issues, community engagement.
- Experimental and Conceptual Work: Innovative explorations pushing design boundaries.

The diversity of categories underscores the multifaceted nature of contemporary American design.

Highlights of the 2023 Edition

Notable Projects and Trends

The 2023 annual features several standout projects that exemplify current trends and societal themes:

- Sustainable Branding: Multiple projects focus on eco-conscious messaging, emphasizing environmental responsibility.
- Inclusivity and Representation: Designs that prioritize diversity, equity, and inclusion, reflecting societal shifts.
- Digital Innovation: Interactive experiences and augmented reality integrations demonstrate the blending of physical and digital realms.
- Minimalist Aesthetics: A trend towards simplicity and clarity, aiming for universal accessibility.
- Cultural Preservation: Projects that celebrate and preserve indigenous and local cultures through visual storytelling.

Key Themes

The overarching themes of the 2023 edition include:

- Resilience: Designs that address recovery post-pandemic and societal rebuilding.
- Empowerment: Visual campaigns promoting social justice, activism, and community

engagement.

- Technological Integration: Use of AI, data visualization, and immersive media.
- Environmental Stewardship: Emphasis on sustainability and eco-friendly practices.

Noteworthy Award Winners

Among the highlighted winners are:

- A branding project for a renewable energy startup that employs bold, nature-inspired visuals.
- An interactive website for a social justice organization, featuring accessible design and user engagement.
- An environmental campaign utilizing augmented reality to raise awareness about climate change.

The Impact of the Annual on the Design Community and Industry

Professional Recognition and Career Development

Recognition in the annual can propel designers' careers, opening doors to new opportunities, collaborations, and commissions. Many winners and featured projects gain visibility through exhibitions, publications, and industry events, amplifying their influence.

Influencing Design Trends and Practices

The annual acts as a catalyst for emerging trends, often setting the tone for the following year's creative directions. By highlighting innovative techniques and bold ideas, it encourages practitioners to experiment and push boundaries.

Fostering a Cultural Dialogue

Beyond aesthetics, the annual prompts critical conversations about the role of design in society. It addresses issues such as social justice, environmental sustainability, and cultural representation, positioning design as a tool for positive change.

The Future of AIGA's Annual and American Design

Embracing Digital Transformation

As digital media continue to evolve, the annual is expanding its digital footprint. Virtual exhibitions, interactive online showcases, and augmented reality experiences are becoming integral parts of the

presentation, making the annual accessible to a global audience.

Expanding Diversity and Inclusion

Future editions aim to feature more work from underrepresented communities, broadening the definition of American design and enriching the narrative with diverse voices.

Sustainability and Ethical Practice

With increasing awareness of environmental and ethical issues, the annual is emphasizing sustainable practices, ethical sourcing, and social responsibility in design.

Educational Outreach and Community Engagement

AIGA is leveraging the annual to foster educational initiatives, workshops, and community projects that inspire the next generation of designers.

Conclusion

AIGA Graphic Design USA: The Annual of the American remains a vital institution in the world of design, reflecting the vibrancy, complexity, and resilience of American visual culture. By showcasing exemplary work, fostering dialogue, and setting standards of excellence, the annual not only celebrates the best in design but also shapes its future trajectory. As America continues to navigate social, technological, and environmental challenges, the annual stands as a testament to the power of thoughtful, innovative, and socially conscious design—an enduring beacon guiding the industry forward.

Question What is the AIGA Graphic Design USA Annual and what does it showcase? The AIGA Graphic Design USA Annual is an annual publication that highlights the best in American graphic design, showcasing innovative projects, designs, and creative talent from across the United States. **Answer** How can designers submit their work for consideration in the AIGA Graphic Design USA Annual? Designers can submit their work through the official AIGA website during the annual call for entries period, following specific guidelines and categories outlined by the organization. What are the benefits for designers whose work is featured in the AIGA Graphic Design USA Annual? Being featured provides exposure to industry leaders, opportunities for networking, recognition within the design community, and increased visibility for their portfolio and career growth. How does the AIGA Graphic Design USA Annual influence the American design industry? The annual serves as a benchmark for excellence, inspiring designers, setting trends, and promoting innovative practices that shape the future of graphic design in the United States. When is the typical release date for the AIGA Graphic Design USA Annual, and how can one access it? The annual is usually released towards the end of the year or early the following year, and it can be accessed through the AIGA

website, selected bookstores, or industry events.

Related keywords: AIGA, graphic design, USA, annual report, design awards, visual communication, creative community, design conference, professional development, typography

Read the full article online: [AIGA GRAPHIC DESIGN USA THE ANNUAL OF THE AMERICAN](#)