Grant Master User Guide

Welcome to Grant Master

Grant Master is an AI-powered platform designed to help researchers and entrepreneurs create winning NIH SBIR/STTR grant applications. This guide will walk you through all the features and how to use them effectively.

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Getting Started

Accessing the Platform

Visit **https://new-grant-genius.vercel.app** to access Grant Master.

First Steps

1. From the Dashboard, click **"Ready To Grant"** to begin
2. Choose your starting point based on where you are in the process
3. Follow the guided workflow to build your application

Dashboard Overview

The Dashboard is your home base. Here you'll find:

Section	Description
Ready To Grant	Main entry point to start or continue your application
What We Help With	Overview of supported grant types and features
Additional Tools	Quick links to Letters Generator and Regulatory Sections
My Applications	List of your in-progress and completed applications

Starting Your Grant Application

When you click "Ready To Grant," you'll see three paths:

Path 1: Starting from Scratch

Best for: New ideas without existing documents

Click this to access the **8-Module Grant Builder** which guides you through:
- Defining your concept
- Building your hypothesis
- Structuring specific aims
- And more...

Path 2: Have Some Documents

Best for: Partial applications needing completion

- Upload existing documents by section or in bulk
- AI will analyze and help you complete missing sections
- Edit and refine with AI assistance

Path 3: Documents Ready for Review

Best for: Complete drafts needing polish

- Upload your complete application
- Receive AI scoring and feedback
- Accept or reject suggested improvements
- Get compliance validation

Grant Builder (8 Modules)

The Grant Builder walks you through creating your application step-by-step.

Module 1: Title & Concept Clarity

Define your research foundation:
- Working title
- Disease area and biological target
- What is known vs. unknown
- Critical knowledge gaps
- Clinical importance

AI Feature: Click "Generate Gap Statement" to create a polished gap statement and impact paragraph.

Module 2: Hypothesis Development

Build your central hypothesis:
- Generate hypothesis from your gap statement
- Validate testability and falsifiability
- Ensure it resolves the identified gap

Module 3: Specific Aims

Structure your research objectives:
- Add multiple aims (typically 2-3)
- Define scientific questions
- Specify expected outcomes
- Link each aim to your hypothesis

Module 4: Team Mapping

Identify your collaborators:
- Add team members with their expertise
- Link collaborators to specific aims
- Define roles and contributions

Module 5: Experimental Approach

Design your methodology:
- Define approach for each aim
- Set timelines and milestones
- Identify risks and alternatives

Module 6: Budget Planning

Build your budget:
- Personnel costs
- Equipment and supplies

- Subawards and consultants
- Generate AI-powered justifications

Module 7: Preliminary Data

Document supporting data:
- Link data to specific aims
- Reference figures and tables
- Show feasibility evidence

Module 8: Summary Figure

Create a visual overview:
- Design figure concepts
- Generate AI summary images
- Visualize your research story

Using the Grant Builder Controls

Control	Location	Function
AI Toggle	Top right	Turn AI assistance ON/OFF
Save Version	Top right (disk icon)	Save current progress
Export	Top right (download icon)	Export to PDF or Word
Create/Validate Mode	Top right buttons	Switch between writing and validation

Document Upload & AI Review

Uploading Documents

Section-by-Section Upload:
1. Select the document section (e.g., Specific Aims)
2. Upload your file
3. Receive section-specific feedback

Bulk Upload:
1. Upload multiple documents at once
2. AI will categorize and label them
3. Review and confirm assignments

AI Review Process

After upload, you'll receive:

1. **Score (1-9):** NIH-style reviewer scoring
2. **Strengths:** What's working well
3. **Weaknesses:** Areas needing improvement
4. **Suggestions:** Specific, actionable improvements

Accepting/Rejecting Changes

For each AI suggestion:
- Click ✓ (checkmark) to **Accept** the change
- Click ✗ (X) to **Reject** and keep original
- Review changes before finalizing

Letters Generator

Access via Dashboard → **Letters Generator**

Supported Letter Types

Type	Use Case
Letter of Support	Collaborators, advisors, stakeholders
Consultant Agreement	Formal consulting arrangements
Vendor Quote Letter	Equipment or service quotations
Collaboration Letter	Inter-institutional agreements

How to Generate

1. Select letter type
2. Fill in required details:
   - Signatory name and title
   - Organization
   - Project title
   - PI information
   - Specific contribution/role
3. Click **"Generate Letter"**
4. Copy or download the result

Regulatory Sections

Access via Dashboard → **Regulatory Sections**

Human Subjects

Complete this section if your research involves human participants:
- Clinical trial status
- Study population
- Recruitment plans
- Risk assessment
- Data safety monitoring

Vertebrate Animals

Complete this section if your research involves animals:
- Species and strain
- Number of animals
- Procedures
- Pain/distress management
- Euthanasia methods

Exporting Your Grant

From Grant Builder

1. Click the **Download icon** in the top right
2. Choose format:
   - **PDF (HTML):** For printing and sharing
   - **Word (Markdown):** For further editing

Export Contents

Your export includes:
- Cover page
- Table of contents
- All completed sections
- Word count statistics
- Page limit validation warnings

Tips for Success

Writing Best Practices

1. **Be Specific:** Avoid vague language; use concrete details
2. **Show Feasibility:** Include preliminary data when possible
3. **Stay Focused:** Each aim should be independent but connected
4. **Know Your Audience:** Write for reviewers in your study section

Using AI Effectively

1. **Start with Your Ideas:** AI enhances, not replaces, your expertise
2. **Review All Suggestions:** Don't accept changes blindly
3. **Iterate:** Use multiple rounds of generation and refinement
4. **Toggle Off When Needed:** Sometimes manual writing is better

Common Mistakes to Avoid

- ❌ Overpromising in specific aims
- ❌ Vague or untestable hypotheses
- ❌ Misaligned budget and approach
- ❌ Missing key team expertise
- ❌ Ignoring page limits

Version Control

- **Save frequently** using the disk icon
- Your last 10 versions are preserved
- Access older versions from local storage

Keyboard Shortcuts

Shortcut	Action
Tab	Move between fields
Enter	Submit forms
Esc	Close modals

Getting Help

Technical Issues
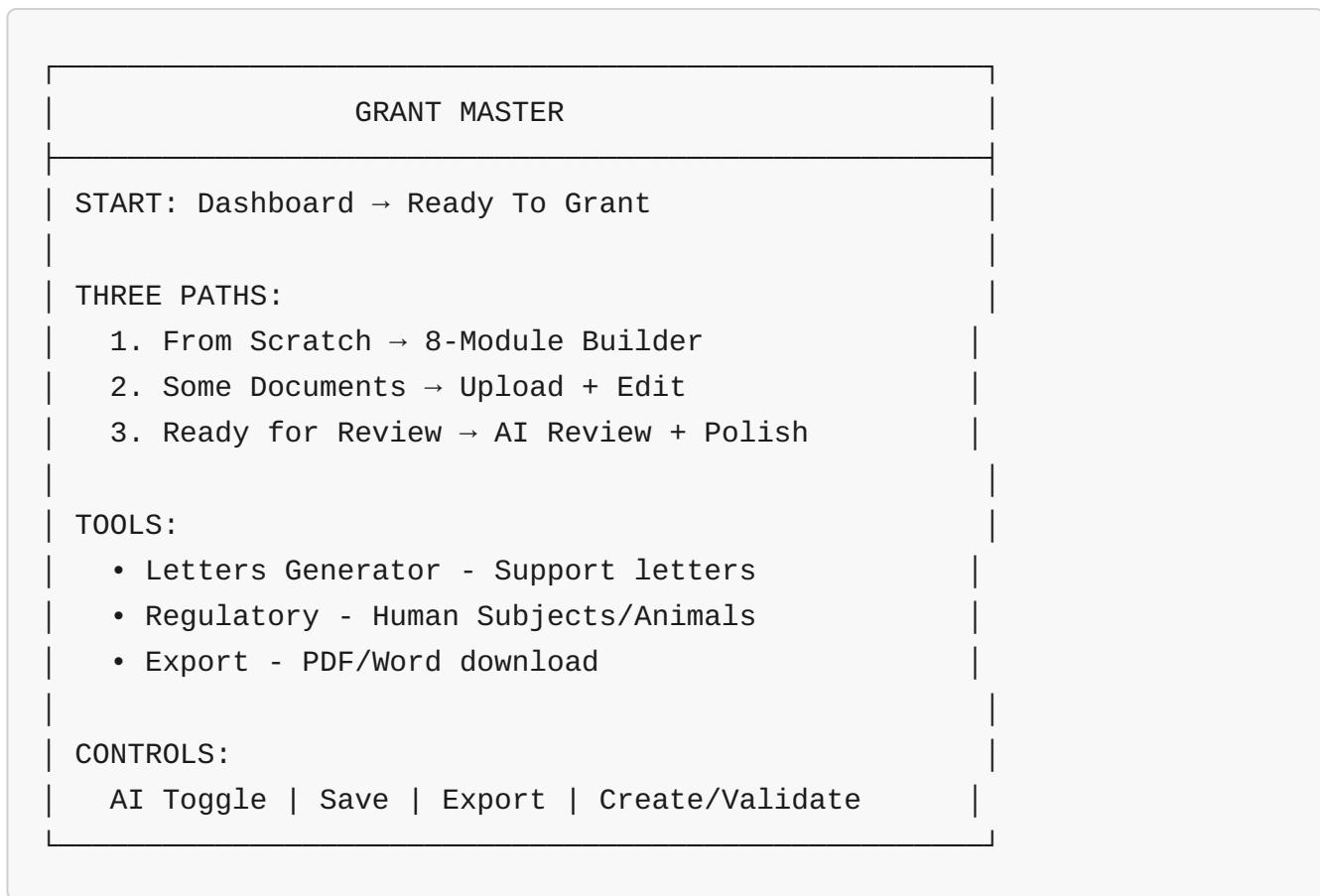
If you encounter bugs or errors, try:
1. Refreshing the page
2. Clearing browser cache
3. Using a different browser (Chrome recommended)

Feature Requests

Grant Master is continuously improving. Your feedback helps us build better tools for researchers.

Quick Reference Card

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│              GRANT MASTER                     │
├─────────────────────────────────────────────┤
│ START: Dashboard → Ready To Grant             │
│                                               │
│ THREE PATHS:                                  │
│   1. From Scratch → 8-Module Builder          │
│   2. Some Documents → Upload + Edit           │
│   3. Ready for Review → AI Review + Polish    │
│                                               │
│ TOOLS:                                        │
│   • Letters Generator - Support letters       │
│   • Regulatory - Human Subjects/Animals       │
│   • Export - PDF/Word download                │
│                                               │
│ CONTROLS:                                     │
│   AI Toggle | Save | Export | Create/Validate │
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Good luck with your grant application!

Grant Master - Building Better Grant Applications Together