



# Grant Writing Strategies for NIH Research Career Development (K) Awards

TECHNOLOGY NUMBER: 2025-188



## Grant Writing Strategies for Research Career Development



### OVERVIEW

Online courses target writing NIH K grant proposals for researchers

- Enhances proposal quality for career development through tailored guidance
- Supports career growth for researchers through improved grant writing skills

### BACKGROUND

Securing funding through NIH Research Career Development (K) Awards is a crucial step for early-career researchers aiming to establish independent research programs. Historically, crafting a compelling grant proposal has been challenging due to the complexity of requirements and stiff competition. Traditional approaches often left early-stage researchers struggling to organize and articulate their ideas effectively, leading to grant rejection or costly delays in research progression. Existing resources, though helpful, frequently lack specific focus, leaving researchers with generalized advice that may not address nuanced expectations of K grants. The need for a tailored method to guide researchers through the nuances of K award applications has become clear. This need is compounded by the growing demand for funding in an increasingly competitive academic environment, highlighting the importance of innovative strategies in grant writing to ensure successful career advancement.

### INNOVATION

### Technology ID

2025-188

### Category

Software  
Software & Content  
Translational Science Training  
Resources

### Inventor

Christy Byks-Jazayeri  
Clare Sansburn  
Jordan Hahn  
Brenda Eakin

### Further information

Tina Suntres  
[tsuntres@umich.edu](mailto:tsuntres@umich.edu)

### [View online](#)



The collection of online courses titled "Grant Writing Strategies for NIH Research Career Development (K) Awards" represents a significant innovation in research education and professional development. These courses provide targeted, section-specific guidance for crafting NIH K grant proposals, addressing an identified gap in the resources available to researchers. By offering detailed, strategic instruction tailored specifically to the K award requirements, these courses help researchers develop compelling and well-structured proposals. The technical advances in this approach lie in the modular design of the courses, allowing researchers to focus on individual sections of their proposals, thus optimizing the overall quality. Potential real-world applications of this innovation include streamlining the grant proposal process, increasing the success rate of NIH K award applications, and ultimately supporting the development of independent research careers in the scientific community.