

# Core Skills For Scientists

## Grant Writing Workshop

### Workshop Synopsis

The workshop identifies and articulates the differences between efficient and deficient grant writing. The title, abstract, specific aims, and significance of the grant application brought to the class are reviewed by each participant at the beginning of the workshop and their problems are identified.

The participants work in small groups to improve their grants with the help of the coach/trainer. At the end of the workshop, Each participant role plays a grant reviewer presenting his or her grant in front of a mock-up panel, and other participants evaluate the merit of the grant and provide a score.



### Career Opportunities

Grant writing skills lead to better patent writing, better research partnerships and better funded research. Accepted grant applications directly influence career growth.

### Target Participants

Investigators (PI and co-PI) who wish to improve their grant writing skills, or who want to enhance their chances of being awarded a grant at first presentation or after resubmission.

### Course structure

Module 1: Evaluating the grant topic for novelty, appropriateness, feasibility, and impact

Module 2: Rewriting title and abstract

Module 3: Rewriting Specific aims and Significance statement

Module 4: Evaluating the merit of a grant in the context of other competing grant proposals.

### Mode of Assessment

Participants bring their own grant sample. At the end of the course, this sample is significantly improved. The mock panel reviews the grant application and provides a realistic outlook on the grant's chances of success.

### Duration

Two days for six to eight grants

### Class prerequisites

To have a complete grant in draft form - paper and electronic version - also in Word Outline form for its structure (headings / subheadings).

Participant has followed the course "Introduction to grant writing".

### Class Size

One or two participants per grant. Participation of more than one person per grant (Co-PI for example, **is encouraged**).

### Your Trainer

Jean-Luc Lebrun has managed research programs while working at Apple Computer in its Advanced Technology Research group for over ten years. He subsequently invested his energy in the commercialisation of research at Kent Ridge Digital Labs, a Singapore-based IT lab.

For the past ten years, he has been conducting courses for A\*Star\* on grant writing, scientific writing, scientific presentation, grant writing and pitching science to the public.

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