



Grant Writing Workshop: How to Write a Competitive Application to a Funding Agency

Tallinn University of Technology, Ehitajate tee 5, Room U06-442

Instructor: Prof. Roger Coulombe, Utah State University

September 23-26, 2019

Course Programme

Morning Session	Monday 23-9	Tuesday 24-9	Wednesday 25-9	Thursday 26-9
Daily Goals	<ul style="list-style-type: none"> Get to know staff and fellow students Scientific Research: Back to the Basics Understand the importance of grants, project hypothesis Insure that your project is hypothesis-driven Synthesize your research topic 	<ul style="list-style-type: none"> Understand the basics of grant writing Learn elements of a successful proposal Understanding diversity of funding sources Present first ideas/draft: Title, Hypothesis, Aims. 	<ul style="list-style-type: none"> Learn about writing a project plan and budget Write a Budget Justification Understanding the peer-review process Internalizing key concepts becoming more confident in your grant-writing skills. Present next-to-final revisions to class 	<ul style="list-style-type: none"> Finding your niche; Learning to build and sustain a scientific career Putting what is learnt into practise Student PowerPoint presentations of final proposal to class (~ 12-15 min)
Topics – Morning Session: 9:00-11:30	<ul style="list-style-type: none"> Introductions Orientation: workshop goals and expectations Why Grants? The engine of science and career The Scientific Method Getting started: Identifying funding sources The Hypothesis The Title 	Critical elements of persuasive proposals: <ul style="list-style-type: none"> Title Aims (+preamble) Abstract Background Experimental Design (methods) Preliminary data Timetable 	<ul style="list-style-type: none"> Introduction to budgeting, budget justification, other sections Finishing up: Avoid common mistakes that can sink a proposal Reviewing process: advice from the reviewer's perspective 	<ul style="list-style-type: none"> Lessons learned: Advice on building a successful and independent scientific research career Final PowerPoint presentations
Afternoon Session	Monday 23-9	Tuesday 24-9	Wednesday 25-9	Thursday 26-9
Afternoon Session: 13:00-16:00	Working session (with staff) identifying research problem, draft hypothesis, aims	Working session revise hypothesis and aims; outline abstract, background section, project plan.	Working session (with staff): preparing a working budget and refining your proposal critiques and comments	Evaluation of the workshop and feedback for future course improvements
Milestones for independent and group work	Online literature search; finish title, hypothesis and aims; outline and initial ideas presented to class	Revise your proposals to be reviewed by fellow students Refine hypothesis, aims, Start Abstract; Rough draft: project direction, critical elements	Preparing budget; working on proposals; Refine and revise proposal; Present next-to-final draft to class Complete your PowerPoint presentations for oral presentation Thursday	Complete submission and submit to staff;

