Developing Science-Specific Writing Resources

Jackie Stewart¹, Meghan Aubé², Thomas Deane³, Eric Jandciu⁴, Randall Lau³, Gülnur Birol⁴, Alice Cassidy³, Joanne Fox⁵, Ramona Montagnes² ¹Department of Chemistry; ²UBC Writing Centre; ³Faculty of Science; ⁴Science Centre for Learning and Teaching; ⁵Michael Smith Laboratory The University of British Columbia, Vancouver, Canada

Project Goals

To support two writing-intensive science courses (SCIE 113 & SCIE 300) and UBC's Place and Promise Strategic Plan by creating writing resources that help students:

- Develop science-specific communication skills to address specialist and non-specialist audiences (via technical reports, blogs, oral presentations, podcasts, videos and journalistic articles).
- Foster critical thinking and develop logical argumentation skills.
- Evaluate the impact of our resources on the development of student writing skills.

Collaborators

The Science-Specific Writing Resources team comprises students, faculty, educational strategists, and writing specialists with diverse expertise in a variety of disciplines.



	Available to anyone	ы	Writing skills videos featuring Grammar Squirrel
	for ~200 students/year	7	In-class workshops Post-class quizzes
Comparisons	Used as SCIE 300 assessments	7	Hands-on writing classes: Pre-class quizzes
	Used for peer feedback to ~400 SCIE 113 students/year	ω	Calibrated peer review essays
	Available to ~400 SCIE 113 students/year	4	Essay writing guides & quizzes
	Potential Impact	#	Resource
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Our Resources and Their Impact	Our Resources		

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Additional writing skills videos featuring Grammar Squirrel	Instructional tools and guides	Universal citation tool	Writing error diagnostic rubric	Online repository for all resources	Resource
Available to anyone	Available to all instructors	Available to all science students	Available to all instructors	Available to anyone	Potential Impact

VouTube channel using the QR code or this URL: <u>bit.1//17/09/g</u>

Writing Skills Videos

Watch all the videos by visiting our

Hands-on Writing Topics

- Paragraph structure, topic sentences, effective transitions
- Active and passive voice
- ➤ Numbers, units, grammatical mechanics
- Succinct writing, removing jargon
- Descriptive and comparative techniques
- > Choosing and quoting sources, writing news articles
- Summarizing, paraphrasing

Student Feedback

you'll get nowhere." "Clarity is essential to communicating effectively. Regardless of what comparisons, stats, and visuals you have, if you're unclear,

of people, just by using simple, but clear comparisons." "...this is something that writing paper after paper would not have taught you. This is a way to open up science to a wider range

"This writing activity taught us how to effectively use other researchers' information without completely copying it"

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a place of mind

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