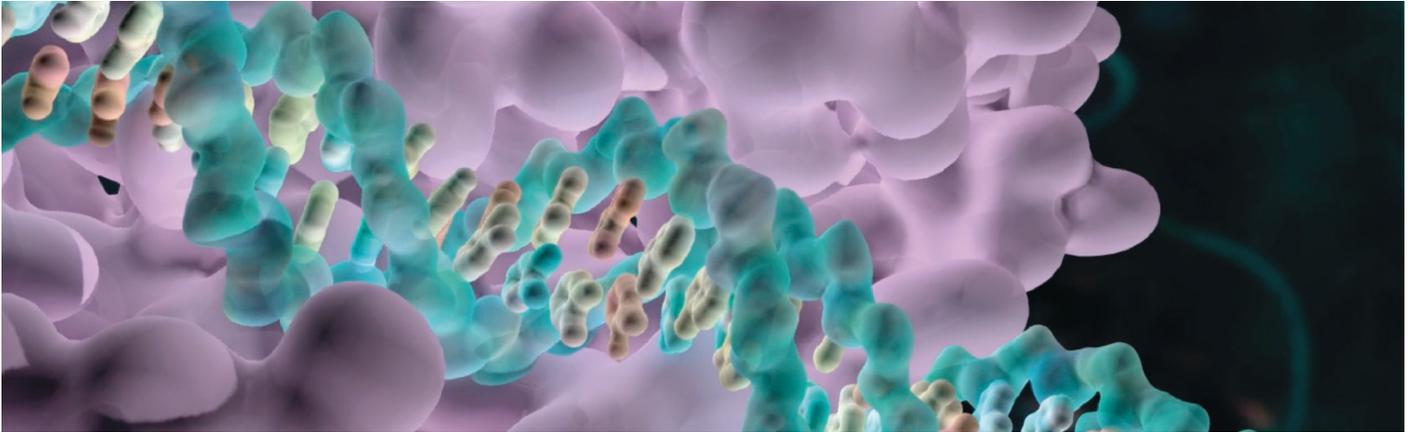


Garvan–Weizmann Visualisation and Education

# TEACHING WITH MOLECULAR ANIMATION: VIDEO-EDITING AS A PEDAGOGICAL TOOL

Professional Learning Intensive for Secondary Biology Teachers in Australia

Garvan Institute of Medical Research, Sydney: **14-17 January, 2019**



In collaboration with science education experts from the Weizmann Institute of Science, Israel, the Garvan Institute of Medical Research is offering a limited number of places at a free four-day professional development focused on editing videos for the classroom, and molecular animation.

This course is part of a research study (UNSW ethics approval number: HC180804) focused on teaching and learning with molecular animations and video editing as a pedagogical tool. The research team is: Prof Ron Blonder, Dr Bat-Shahar Dorfman, Dr Kate Patterson, Bronwyn Terrill, and Prof Anat Yarden.

The course will involve hands-on instruction in video editing, science updates and input from experts in using video and animation in the classroom. Participants will collaborate with peers to create genetics-focused, syllabus-aligned videos.

Participants will:

- Learn with leading experts in genetics, molecular animation and science education.
- Develop and apply skills in video editing to create student resources
- Access and adapt molecular animations to tailor content for classroom use
- Collaborate with colleagues to develop engaging curriculum-focused resources

**This may be a good fit for you if you are teaching Stage 6 biology in 2019.**

This professional development targets Australian Professional Standards for Teachers including: 2.1.2, 2.6.2, 3.4.2, 6.2.2, 7.4.2 (can also be used to support professional development requirements at the proficient teacher level). In NSW, these hours will count towards teacher identified professional development. Biology teachers at all stages, currently teaching in Australia, are encouraged to register interest.

A limited number of travel and accommodation subsidies will be available for rural, regional and interstate teachers.

To find out more about the research and program, or to register your interest, call us on 02 9355 5842, email [kccgeducation@garvan.org.au](mailto:kccgeducation@garvan.org.au), or visit <http://www.garvan.org.au/kccg-teachers>



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