

Making Videos About Your (Summer) Research

Sanja Fidler

University of Toronto

May 20, 2014

The Research Video Project (Competition)

What?

- Each student is invited to make a **video** about their summer **research**
- The video can include
 - problem motivation
 - problem overview/challenges
 - the highlight of your method
 - results
 - shots of your research experience
- Ideal length: 2 – 4 minutes

Why?

- Because it's fun
- Top videos will be featured on the UofT website
- It's useful to learn how to present your work
- A number of conferences encourage short video presentations (e.g., CVPR, SIGGRAPH)

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The Video Project

CVPR 2014: Video Spotlights



Inbox x



Aleix Martinez aleix@ece.osu.edu [via](#) microsoft.com

9:01 PM (13 hours ago) ☆



to me ▾

Dear Sanja Fidler, Paper#: 1849 Title: What are you talking about? Text-to-Image Co-reference

In an effort to accommodate more oral presentations, CVPR 2014 will try something new: replacing poster spotlight sessions with online video spotlights. Videos will be available online before, during and after the conference.

Specifically, authors of CVPR papers will be given the opportunity to submit a one-minute video summarizing their work (videos longer than one minute will be rejected). These videos will be indexed on the CVPR website so that conference participants can review the video spotlights online prior to their arrival at the conference, during the conference, or even after the conference.

As part of their video, authors are requested to display a "title slide" with the title, authors and the ID of their poster or oral presentation. There are no specific constraints on the format. The video could display the author in front of his/her poster or it could be a PowerPoint presentation with voice-over. Remember that your audience doesn't want to see the details of your approach in 60 seconds. Rather, an effective video spotlight should briefly state the problem you're addressing in your paper, describe the approach at a very high level, and point out your contributions. Your goal is to pique the observer's interest, so that they visit your poster/oral or read your paper.

Inspiration for creating these videos can be drawn from the winning videos at the NSF International Science & Engineering Visualization Challenge (http://www.nsf.gov/news/special_reports/scivis/challenge.jsp). For example, a video from Bill Freeman's team has received honorable mention (<https://www.youtube.com/watch?v=e9ASH8lBJ2U>) in that Challenge.

While authors are not required to submit a video spotlight, they are encouraged to do so, as we expect that their video spotlights will bring broad exposure to their work, and we're hoping that this mechanism can, like the previous poster spotlights, help conference attendees prioritize their poster/oral viewing.

Timeline:

May 23: Upload instructions are announced

June 6: Deadline to upload videos

June 17: Video Spotlights are released

Sincerely,

Ioannis A. Kakadiaris (ioannisk@uh.edu)

CVPR 2014 Video Proceedings Chair

How to Make a Research Video?

- Whatever you do, make it **INTERESTING**
- Think of a good **motivation** / **introduction**

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And Why Not? [by Antonio Torralba]

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Examples of Good Research Videos

Simulation of Human Motion [Wang et al., 2012]

Revealing the Scene Outside the Picture [Torralba and Freeman, 2012]

Autonomous Driving Dataset (KITTI) [Geiger et al., 2012]

Other Student Research Video Competitions


← → ↻ sciex.mit.edu/videos/ ☆ ☰

HOME VIDEOS FAQ DETAILS SUBMIT ABOUT EVENTS

SciEx Video Submissions


Winners

1st place




The Race to Absolute Zero

2nd place



Team DRL

3rd place



A Symphony for Dancing Atoms

Finalists


First place

Second place

Other Student Research Video Competitions

research.jcu.edu.au/research/cgc/our-students/student-video-competition

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JAMES COOK
UNIVERSITY
AUSTRALIA

Comparative Genomics Centre

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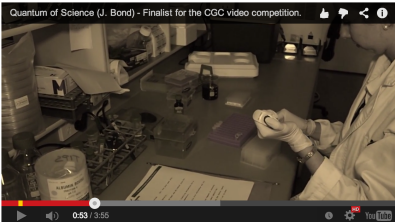
You are here: [Home](#) / [Our Students](#) / Finalists In Student Video Competition

Finalists in Student Video Competition

In 2013 Students at the Comparative Genomics Center were asked to generate a YouTube video Describing and illustrating their current projects. These are their videos.

[Karinne Law - Quantum of Science \(J. Bond\)](#)

Quantum of Science (J. Bond) - Finalist for the CGC video competition.



0:53 / 3:55

Search

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Advanced Search...

News

CGC Seminar: Microbial biotechnology – applications for bio-product development from greenhouse gases and waste water
May 31, 2013

Dr Jordan awarded the highly prestigious Betty Cuthbert Fellowship
Mar 21, 2013

Inaugural CGC Summer Studentships Awarded
Sep 24, 2012

Coral and Man - Not so Distant Relatives
Sep 24, 2012

ARC Discovery and Linkage Grants Announced for 2011
Sep 24, 2012

Finalist (1)

Finalist (2)

Other Student Research Video Competitions

The screenshot shows the website for the University of Nevada, Reno College of Science Video Competition. The header includes the university's name and logo, navigation links (ABOUT, ADMISSIONS, ACADEMICS, STUDENT LIFE, RESEARCH, IMPACT), and a breadcrumb trail: You are here: Nevada Home > College of Science > Student Resources > Student Competitions > Video Competition. The main heading is 'COLLEGE OF SCIENCE' in large blue letters, followed by 'Video Competition' and 'DISCOVER SCIENCE 2013 Student Video Competition'. A paragraph describes the competition: 'The Discover Science Student Video Competition is open to all current undergraduate and graduate students in the College of Science. Students may submit a video of 2 minutes or less that tells a story about the college, a major/program in the college, and/or an area of research. Cash awards are given for the top 4 videos.' Below this is a link for 'Details & Guidelines'. The 'Eligibility' section states: 'Open to all current full-time undergraduate and graduate student with majors in the College of Science. Open to individuals and teams.' The 'Choose a Theme:' section lists three options: 'A Day in the Life of a [College of Science] Major', 'My College of Science or My Mackay School', and 'Discover Science'. The 'Reward: Fame - and prize money' section states: 'There will be a public screening of your video on December 13, 2013 at 6 pm in 110 Davidson Mathematics & Science Center - please plan to be present at the screening. Your video will also be posted to YouTube and used to promote the College of Science. Producers of the top four videos will earn cash awards.' A list of prizes follows: '1st Place:\$350', '2nd Place:\$250', and '3rd Place:\$150'. On the right side, there is a 'COLLEGE OF SCIENCE' sidebar with a list of links: 'About the College', 'All Degree Programs', 'Mackay Degree Programs', 'Accelerated Programs', 'Learning Communities', 'Research and Outreach', 'The Mackay School', 'Departments & Statewide Programs', 'Prospective Students', 'Student Resources', 'Academic Advising', 'Volunteer Opportunities', 'Student Recognition', 'Student Competitions', 'Video Competition', and 'Video Competition'.

University of Nevada, Reno

ABOUT ADMISSIONS ACADEMICS STUDENT LIFE RESEARCH IMPACT

You are here: Nevada Home > College of Science > Student Resources > Student Competitions > Video Competition

COLLEGE OF SCIENCE

Video Competition

DISCOVER SCIENCE 2013 Student Video Competition

The Discover Science Student Video Competition is open to all current undergraduate and graduate students in the College of Science. Students may submit a video of 2 minutes or less that tells a story about the college, a major/program in the college, and/or an area of research. Cash awards are given for the top 4 videos.

[Details & Guidelines](#)

Eligibility

Open to all current full-time undergraduate and graduate student with majors in the College of Science. Open to individuals and teams.

Choose a Theme:

- A Day in the Life of a [College of Science] Major
- My College of Science or My Mackay School
- Discover Science

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 - Student Recognition
 - Student Competitions
 - [Video Competition](#)
 - Video Competition

First Place

If Your Project Really Sucks

Bad Science [by Zheng Lab]

Video Editing Tools

- iMovie (simple, but limited, although free with a Mac)
- Matlab (good if you have results in Matlab)
- Adobe Premier (Free Trial)
- Final Cut Express (Mac only, definitely not free)
- Microsoft's MovieMaker (Windows only)
- Graphics software: Blender (free), Maya (not free)

With some **imagination** you can make a **great** video about **anything**!

The details about the competition will be available soon. Stay tuned!
Questions, suggestions, comments: fidler@cs.toronto.edu