

RFs (Left to Right): Tao, Quan, Brucker, Robson, Li, Taute, Congreve, Ferzoco, and Wang.

The Rowland Fellowship provides an unparalleled opportunity to establish an independent research career. We seek the best young experimentalists in energy science and engineering. We look forward to learning about your innovative ideas.



Director Cynthia M. Friend

www.rowland.harvard.edu



Panoramic view of Boston taken from the Institute

Rowland Institute at Harvard
100 Edwin H. Land Boulevard
Cambridge, MA 02142 USA

Cover image - Dark field imaging set up (top) for high throughput measurement of bacterial colony growth (bottom).

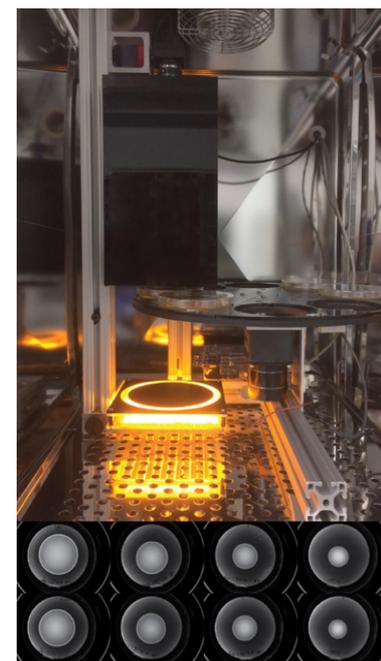
RF Katja Taute

ROWLAND INSTITUTE AT HARVARD

ROWLAND FELLOWS PROGRAM

IN
ENERGY SCIENCE
AND ENGINEERING

www.rowland.harvard.edu



ROWLAND

The Rowland Institute at Harvard is seeking applications for Rowland Fellowships that commence in the 2018 calendar year. We seek the best young experimentalists in energy science and engineering in the broadest sense. The Rowland Fellowship provides an opportunity to establish an independent program within the rich intellectual environment at Harvard.

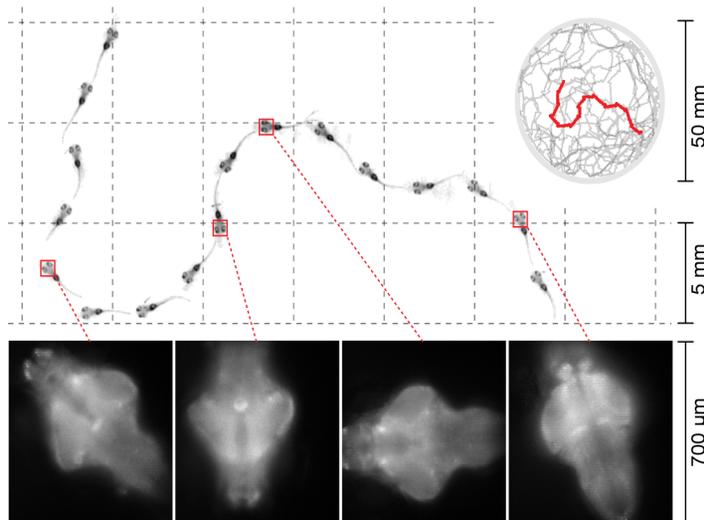
Dr. Edwin Land founded the Rowland Institute in order to foster high-risk, creative research. In 2002, the Rowland Institute became part of Harvard with the mission of advancing the careers of experimental scientists and engineers at an early career stage. In the tradition of Dr. Land, we are particularly interested in young scholars with the potential to establish a ground-breaking research program in their chosen field.



Emission wavelength across the visible spectrum, from blue to red and into the infrared, made possible by precise tuning of materials.
RF Dan Congreve

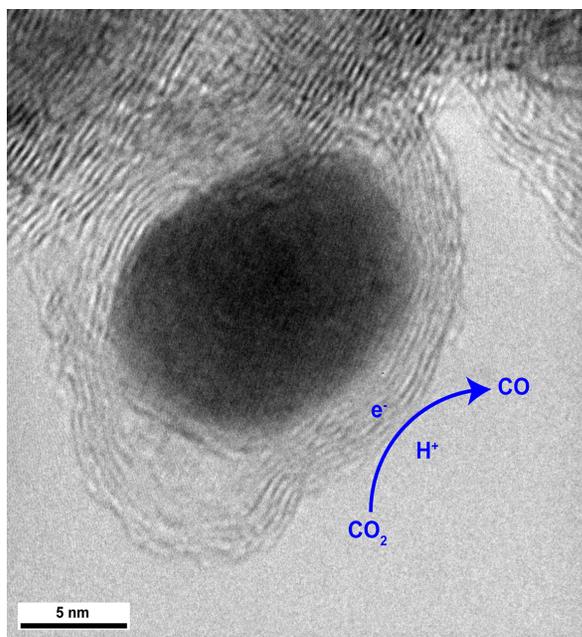
The Rowland Fellowships are restricted to experimentalists at an early career stage (not more than three years beyond the receipt of their doctorate). Fellowship awardees will receive funding for salary and research expenses and are allocated their own laboratory space. The Rowland Institute also provides technical support from permanent staff.

FELLOWS



Depiction of the trajectory of a freely swimming zebrafish in the tracking microscope (top). GCaMP6s fluorescence for recording neural activity across the zebrafish brain (bottom).

RFs Jennifer Li and Drew Robson



Nanoscale artificial leaf to catalyze green house gas CO₂ into chemical fuels. The metal nanoparticle is tightly wrapped by a few layers of graphene to prevent direct contact with water and increase the conversion efficiency.

RF Haotian Wang

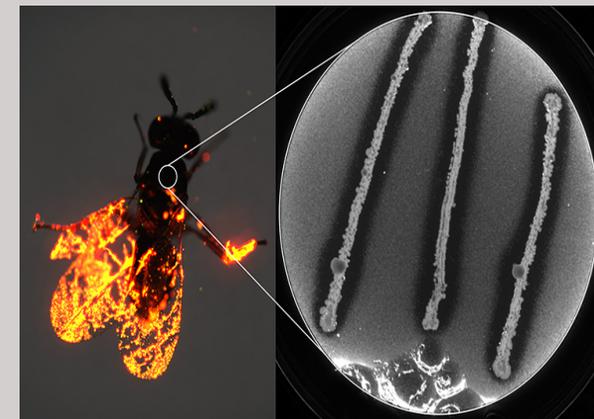
PROGRAM

The term of the fellowship is for up to five years, with a flexible start date. The stipend for Rowland Fellows will start at \$72,000 per year, depending on the candidate's experience. Fellows must have completed their doctoral degrees prior to starting their term.

Instructions for applying to the program are to be found at the Rowland website:

www.rowland.harvard.edu/apply

The application deadline is Aug. 18, 2017.



Nasonia vitripennis wasp fluorescently labeled to track interactions after herbicides exposure (left). Bacteria isolated from *Nasonia* (vertical lines) are able to metabolize the herbicide, creating a dark 'halo' around the bacteria, reducing the toxicity of the chemical to their host.

RF Robert Brucker

Questions about the program should be directed to rf@rowland.harvard.edu or mail address:

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100 Edwin H. Land Boulevard
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Further information about the Rowland Institute can be found at -

www.rowland.harvard.edu

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