

**Canadian Institute for Advanced Research
Quantum Information Processing Program
CIFAR Junior Fellowship**

The **Canadian Institute for Advanced Research** brings together top international researchers to tackle many of the most interesting and pressing questions of our time. Our **Junior Fellow Academy** offers gifted, early career researchers the unique opportunity to participate in CIFAR's global research network and to closely collaborate, and be mentored by, some of Canada's and the world's best researchers.

Junior Fellows take part in one of CIFAR's innovative research programs, where researchers meet regularly to establish new frameworks for thinking about the world with the potential to improve human health and the environment, transform technology, build strong societies, understand human culture and even chart the universe. To enhance leadership skills within an interdisciplinary network of peers, CIFAR also brings together Junior Fellows from all twelve programs for separate Academy meetings.

CIFAR's [Quantum Information Processing \(QIP\) Program](#) is seeking an **outstanding postdoctoral researcher** to fill a Junior Fellowship position **beginning in July 2013**. The fellowship will be held in conjunction with a university postdoctoral appointment under the supervision of one or more program members, and is tenable at any of the Canadian institutions where members of the program are based. In exceptional circumstances, arrangements with members based outside of Canada will be considered.

The **QIP Program** studies a wide range of topics relating to quantum information, including theoretical computer science, mathematical aspects of quantum information, and experimental and theoretical physics.

Eligibility: Individuals who have completed their PhD no more than three years before the Fellowship starting date are eligible to apply. The successful candidate will have an outstanding record of accomplishment in an area of interest to the program, excellent communication skills, strong potential to collaborate with program members and ability to contribute to the program's mission. He/she will also display a strong interest in connecting with peers from other disciplines through the Junior Fellow Academy.

Duration: Junior Fellows become members of the Junior Fellow Academy for five years. The first two years are funded by CIFAR as below. For the last three years of the Junior Fellowship, CIFAR covers the cost to attend Academy meetings.

Value: \$70,000 CDN/US per year for salary and benefits
\$5,000 CDN/US per year for research support
**US dollar values apply if the Junior Fellowship is held outside of Canada.*

How to Apply: Visit www.cifar.ca/JFA for information about the Junior Fellow Academy, potential supervisors and application instructions.
Application deadline: January 21, 2013.

CIFAR is strongly committed to diversity within its community, and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups and others who may contribute to further diversification of ideas.