

Open Positions

The Mathematics Institute of the Pontificia Universidad Católica de Valparaíso (IMA) calls for applications for three (3) tenure-track positions in 2015 or beginning 2016:

- Two (2) positions in Mathematics
- One (1) position in Didactics of Mathematics (Mathematics Education)

The University is a catholic institution that welcomes also those who do not share its faith.

In Mathematics, the active research areas currently in the Institute are: Arithmetic Geometry, Dynamical Systems, Non-linear Analysis, Numerical Analysis & Computer Simulation, Representation Theory, Universal Algebra. Candidates specialized in other subjects will be considered as well.

In Didactics of Mathematics, research is developed from cognitive, anthropological, sociocultural and semiotic perspectives. In particular, active research areas are Specific Mathematical Thinking, Modeling and Teacher Training.

Applicants should have a Ph. D. degree, a strong commitment to Teaching and Research, and a good disposition to speaking Spanish.

Besides the activities related to undergraduate studies, IMA hosts Master and Ph. D. programs both in Mathematics and Didactics of Mathematics. The teaching load for the positions consists of one (1) course per semester. Undergraduate courses must be taught in Spanish. If necessary, the Institute will provide support to enhance language skills. Also, during the first year at PUCV, it is expected that the new tenure-track professor will follow a one-semester course on the development of teaching skills. Also, he/she must gradually contribute to the outreach and administration activities of the Institute.

Candidates are expected to have a strong research potential and to be able to obtain national or international research grants. The University provides also internal grants. In addition the University has an incentive program for indexed publications (up to about US \$3.000 per published paper).

At the current exchange rate, the expected annual salary is approximately equivalent to US \$29.000, distributed in 12 months and subject to taxes, health and retirement contributions.

The contract will be renewed on an annual basis. After a period from two (2) to four (4) years, tenure-track faculties must enter a process conducting to full tenure.

Applications should be sent by July 30, 2015.

The applications must include:

- A letter indicating the main research interests
- Two letters of recommendation, sent directly by the recommenders to the e-mail address below
- Detailed Curriculum Vitae, including a list of publications and teaching experience

Applications must be sent to:

Zahamara Aciaras

Instituto de Matemáticas

Pontificia Universidad Católica de Valparaíso

Blanco Viel 596, cerro Barón, Valparaíso, Chile

e-mail: postgrado.ima@ucv.cl

In all cases, an e-mail must be sent to accompany the application. If the applicant does not receive a confirmation e-mail within two days, it is advised to verify the correct reception of the application by telephone (56-32-2274038).

The Institute holds the right to do not fulfill the position. Also, the thematic distribution of the positions may be modified.

More information about the Institute can be found at

<http://ima.ucv.cl> or <http://www.ima.ucv.cl>