



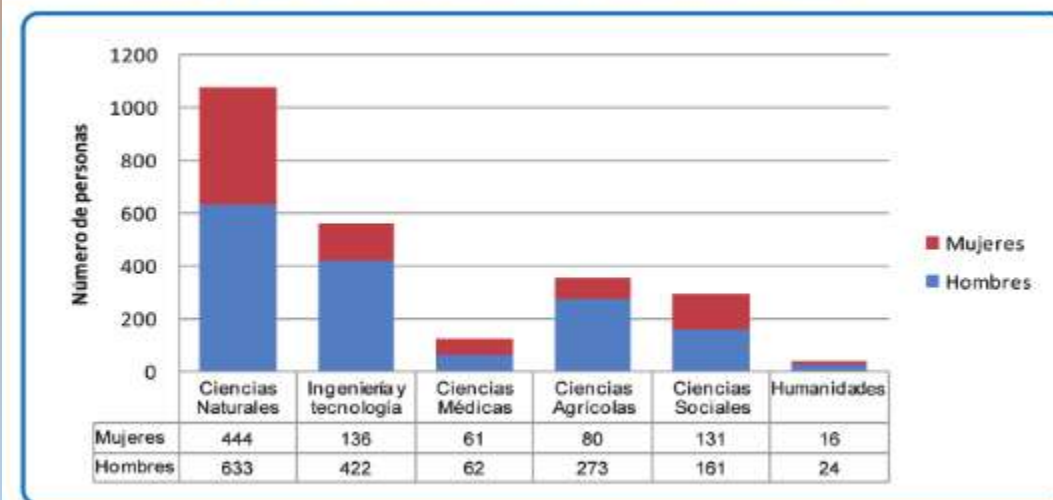
Bolivia's report to Wfs IANAS

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Rio de Janeiro, 19-22 August, 2018

- In Bolivia, researchers are in total 1,955 with 64% (men) and 36% (women) in all areas of knowledge
- 55% females are represented in the **natural sciences**, while agricultural sciences have less than a third.
- For more than 30 years 2 female scientist were part of the Bolivian academy

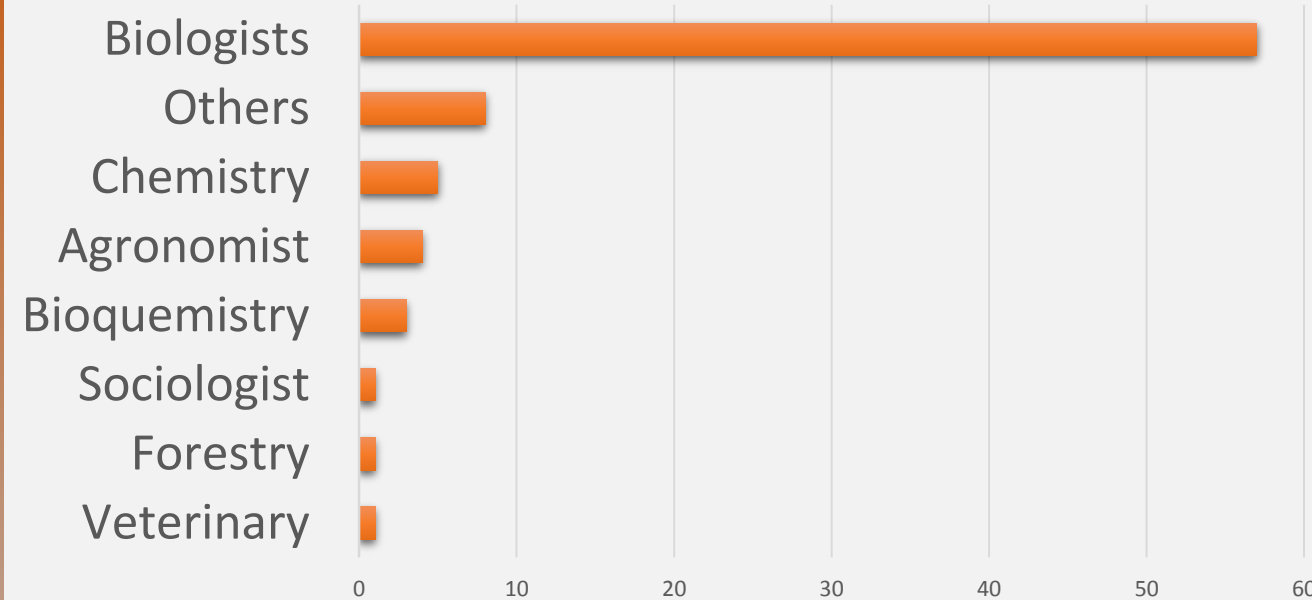


Fuente: VCyT

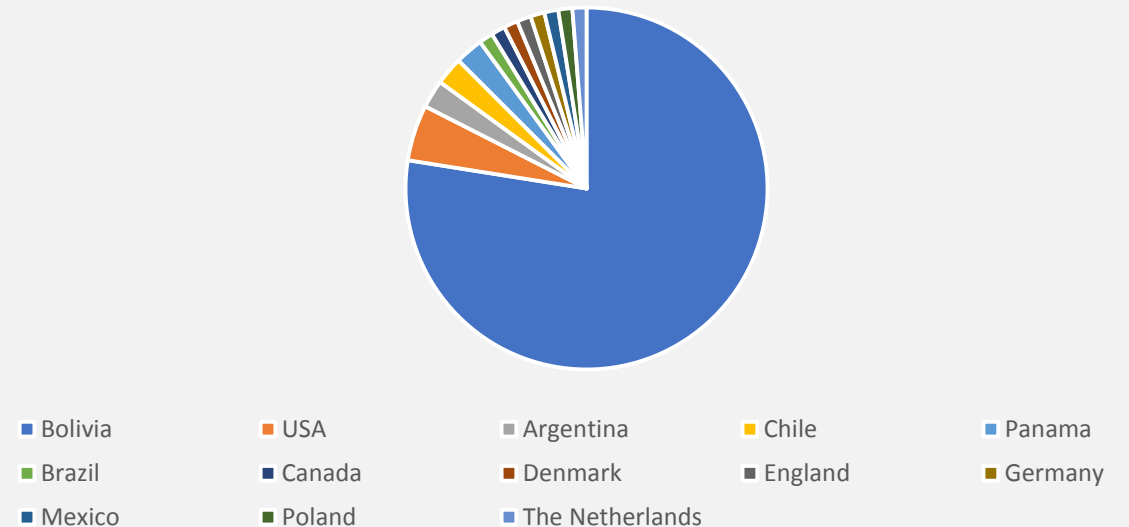
In a sample of 80 (2018)

- Nine hold head positions in their institutions (11%)
- 18 PhD and 12 MSc (22 & 15%, respectively)
- Current residency for living or postgraduate studies: 18 (22.5%) outside the country and the rest in Bolivia
- From the 77.5% in Bolivia: 66% in La Paz, 18% (Cochabamba), 13% (Santa Cruz) and both 1.6% (Beni & Chuquisaca)

Female scientists - Bolivia



Countries of current residence



Marie Curie prize - PhD

- 2012 Erika Cuéllar from Santa Cruz, biologist. Local capacities of forest guards in the lowlands, 2012 Rolex Price
- 2013 Magali García from La Paz, agronomist: water conditions and drought resistance of quinoa (an Andean pseudocereal)
- 2014 Tania Pozzo from Potosí, biochemist: new technologies in the production of chemical compounds, 2014 L'Oreal Price
- 2015 Teresa Alvarez from La Paz, biochemist: sostenibility for integrated biorefineries
- 2016 Carla Maldonado from La Paz, biologist: plant molecular-based laboratory and analytical techniques
- 2017: Applicants were not competent for the prize



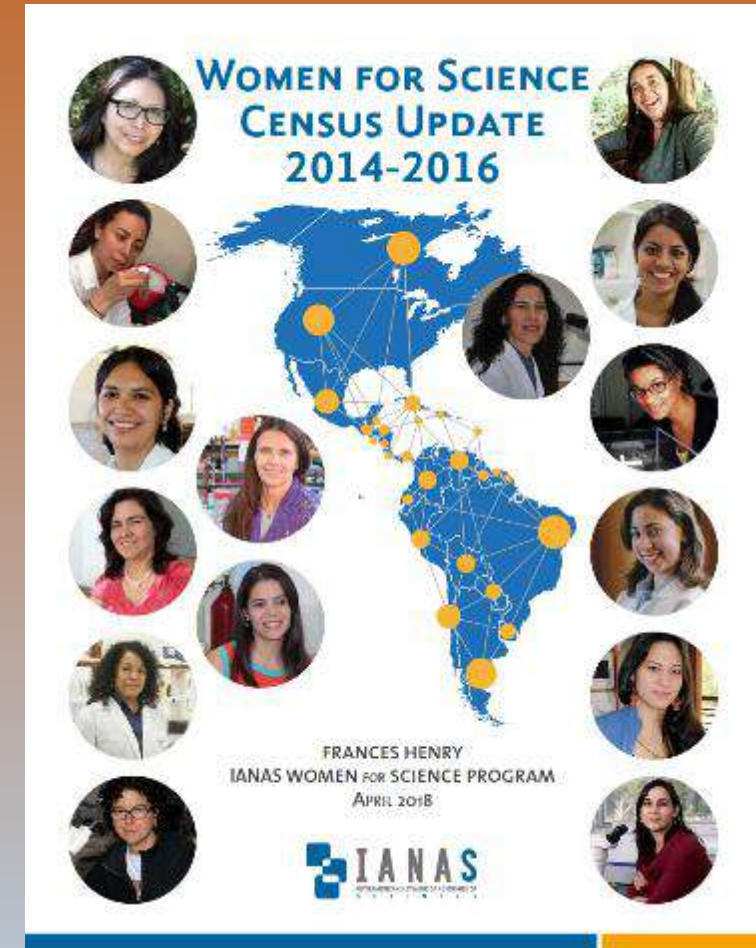
New members

- 2015: two female members – Santa Cruz: Carmen Rosa Serrano (MD) and Marion K. Schulmeyer (Psychologist)
- 2016: María Eugenia García (PhD) - La Paz (heavy metals chemist of Andean lakes)
- 2017: Celeste Rodríguez (PhD) was designated as new member by her work on immunology Biochemistry
- 2018: Magali García (PhD) will be presented soon (agronomic studies on quinoa plants in Bolivia!)
- Former academy directory (La Paz): Dra. Hilde Spielvogel, retired since 2016



Gender commission

- Since 2012 with five members – gender commission
 - Dr. Einstein Tejada
 - Dr. María Eugenia García
 - Mr. Antonio Saavedra
 - Dr. Mónica Moraes
- It evaluates the nominations for the Marie Curie prize
- Since 2018 has reviewed the trends of gender participation in academies (updated IANAS report)
- We are currently preparing an institutional strategy to strengthen the representation of women scientists in Bolivia, which has been constantly growing (total: less than 15%).



Gender survey to Bolivian scientists (July/2018)

- Recently we have worked with Dr. Vania Torrez for a survey of women scientists to search on gender conditions from studies levels to job search. We have got the response of 110 scientists.
- A total of 10 questions which dealt about the following issues:
 - Decision taken to pursue a scientific career,
 - Supports by family,
 - Limitations imposed to women by teachers or classmates,
 - Signs of discrimination, barriers and gender inequity when looking for a job,
 - Any type of discrimination for being the first author in publications
 - Others: Commemorate women in science and motivate women to carry out a scientific career
- Fortunately, the 85% of the interviewees said they had not had difficulties due to her gender condition

