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## **OVERVIEW: November<sup>1</sup> 2015**

The Vietnam Education Foundation (VEF) was established by the U.S. Congress under the Vietnam Education Foundation Act (2000) to strengthen the bilateral relationship between the United States and Vietnam through educational exchange activities. The VEF exchange programs bring Vietnamese nationals to the United States to pursue graduate studies or professional development activities, and send American professors to teach at Vietnamese universities. VEF is currently governed by a nine-member Board of Directors: two U.S. Senators, two U.S. Representatives, three U.S. cabinet members, and two members from the U.S. citizenry appointed by the President of the United States. A Board-appointed American Executive Director oversees VEF operations, conducted through two highly coordinated offices: the U.S. Headquarters in the Washington, D.C., area and the Vietnam Field office in Hanoi. VEF receives an annual budget of U.S. \$5 million from the U.S. Congress until 2018.

The VEF programs, as prescribed in the VEF legislation, focus on the sciences (natural, physical, and environmental), engineering, mathematics, health sciences (including public health), and technology (including information technology); disciplines falling within the STEMM<sup>2</sup> fields. Core VEF activities include: (1) Fellowship Program that brings Vietnamese nationals to the United States for graduate degree programs, funded through cost-sharing agreements with U.S. universities; (2) Visiting Scholar Program that funds Vietnamese nationals with a Ph.D. to develop their professional skills through study, research, and observational activities at leading U.S. institutions; and (3) U.S. Faculty Scholar Program that provides grants to American professors to teach courses in English at Vietnamese institutions for one or two semesters, on site in Vietnam or via interactive, real-time videoconferencing. VEF capacity-building efforts build the relationship between U.S. and Vietnamese institutions and government entities, and strengthen the opportunities in Vietnam for the return of VEF Fellows and Visiting Scholars to their home country.

The following data summarizes select activities since operations began in March 2003 until November 2015.

### ***Educational Exchange Programs***

The VEF flagship **Fellowship Program**, launched in 2003, has supported **547 Fellows<sup>3</sup>** in graduate programs at **99 highly regarded U.S. universities**. Of the **337** Fellows, who have already received graduate degrees, **238** have been awarded doctoral degrees and **99** have received master's degrees. Of these 337 graduates, **47** are pursuing Academic Training in the United States following the completion of their degree programs and prior to returning to Vietnam, while **290** have fully completed their academic programs with VEF. The number of VEF Fellows currently enrolled in U.S. graduate school is **186**.

Of the **290 Fellows**, who have **completed their academic program** with VEF:

- 233 (80%) are employed: 107 (46%) are working in the academic and research sector; 75 (32%) are working in the corporate sector; 26 (11%) are heading their own private companies or are self-employed; 18 (8%) are working in the development sector; and 7 (3%) are working in the civil service sector.
- 28 (10%) have just returned to Vietnam and are pursuing employment opportunities.
- 22 (8%) are continuing in doctoral programs with other sources of funding.
- 7 (2%) are currently in the United States on visa types other than J-1.

Of the **186 Fellows**, who are **currently enrolled** in U.S. universities:

- 87% are pursuing doctoral degrees and 13% are pursuing Master's degrees.
- 57% are male and 43% female.
- 41% are pursuing degrees in engineering; 23% in biological and biomedical sciences; 15% in computer science; 7% in agriculture; 5% in physical sciences (astronomy, chemistry, and physics); 3% in mathematical sciences; 3% in public health; 2% in natural resources; and 1% in interdisciplinary study.

The **Visiting Scholar Program** which began in 2007, has supported **50** Vietnamese with doctorate degrees at **38** major U.S. universities for a self-designed, postdoctoral level program from 5 to 12 months.

- **46** completed their professional development programs and returned to Vietnam.
- **4** are expected to finish postdoctoral programs in the United States by August 2016.

<sup>1</sup> Data as of November 2015

<sup>2</sup> Science, Technology, Engineering, Mathematics, and Medicine

<sup>3</sup> Of these, 24 (4%) have withdrawn for personal or academic reasons.

The **U.S. Faculty Scholar Program**, which began in 2008, has awarded **42 U.S. Faculty Scholar grants** to **34** American professors, who were selected to teach courses in English at **26** Vietnamese institutions either on-site in Vietnam or via real-time, interactive video conferencing from the United States.

**107 leading U.S. research universities** are members of the VEF Alliance; a consortium of accredited U.S. universities in the United States that support the mission of VEF and accept the VEF cost-sharing terms.

### Capacity Building

To strengthen science and technology in Vietnam and to foster opportunities for collaborative exchanges between the United States and Vietnam, VEF has organized the following activities.

- **80** scientists from **58** U.S. institutions have delivered **197** lectures or presentations at **66** Vietnamese host institutions.
- **11** seminars or workshops were presented in Vietnam by **29** experts, representing **16** U.S. educational organizations.
- **3** major research reports on higher education in Vietnam: (1) *Observations on Undergraduate Education in Computer Science, Electrical Engineering, and Physics at Select Universities in Vietnam* (August 2006); (2) *Observations on the Current Status of Education in the Agricultural Sciences in Vietnam* (January 2007); and (3) *Observations on the Current Status of Higher Education in Agricultural Sciences, Civil Engineering, Computer Science, Electrical Engineering, Environmental Sciences, Physics, and Transport and Communications at Select Universities in Vietnam* (July 2014)
- Special projects were initiated or developed by VEF, including:
  - (1) Millennium Science Initiative (MSI): To establish Centers of Excellence in Vietnam in science and technology in cooperation with the Institute for Advanced Study (Princeton, NJ) and the Science Initiative Group (2004–2006). Initiated at the request of the Ministry of Science and Technology (MOST).
  - (2) World Class University (International Standard University) development in Vietnam: Facilitating visits by leading U.S. universities (2006). Initiated at the request of the Ministry of Education and Training (MOET).
  - (3) Vietnam Fund for Supporting Technological Creations (VIFOTEC): Encouraging creativity in the sciences and technology in Vietnam (2006, 2007) in cooperation with MOET.
  - (4) Conferences in Vietnam: Young Vietnamese Scientists Meeting (June 2005, July 2007); International Biomedical Engineering Conference (July 2007); and OpenCourseWare Consortium (OCWC) Global Meeting (May 2010).
  - (5) Vietnam OpenCourseWare (VOCW) project in Vietnam: A repository of high quality, up-to-date teaching and learning materials, available free as open educational resources. VEF successfully transferred its responsibilities for the VOCW program to MOET in January 2010. The project began in 2005.
  - (6) Creative Commons License (CCL): Enabled Vietnam to facilitate recognition of intellectual property rights related to VOCW, while the CCL serves all forms of creativity. VEF transferred its responsibilities in 2010 to Creative Commons International and a Vietnamese law firm, D&N International.
- VEF assisted the **Vietnam International Education Development (VIED) division of MOET**, at their request, to develop their scholarship program.
- VEF assisted the **National Foundation for Science and Technology Development (NAFOSTED) of MOST** to develop their Online Management System.
- At the request of the former U.S. Ambassador Michael Michalak, VEF co-organized and co-sponsored, together with the U.S. Embassy in Hanoi and MOET, the **4<sup>th</sup> Annual Education Conference** in Vietnam in April 2011 to strengthen higher education ties between the United States and Vietnam.

International educational exchange builds bridges between countries and people, contributing to global peace, tolerance, and understanding. As scientists and engineers, the VEF Fellows, Visiting Scholars, and Faculty Scholars are contributing to a mutually beneficial relationship between Vietnam and the United States.

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