

AAO Foundation Final Report Form

Type of Award: Orthodontic Faculty Development Fellowship Award (OFDFA)

Name of Principal Investigator: Vesna-Lea Ferrer, D.M.D., Ph.D.

Title of Project: Learning objectives for predoctoral orthodontics curricular content in the level of Growth and Development

Period of AAOF Support: 07-01-16 to 12-31-17

Amount of Funding: \$20,000.00 (\$8,653.80 as UMKC institutional award; \$11,346.20 as direct award to Dr. Vesna Ferrer)

Summary/Abstract of Completed Project:

The 2016 AAOF-OFDFA proposal of Dr. Vesna-Lea Ferrer was designed to enhance her development as an academic orthodontist. The proposal focused on her four developmental plans including her research plan with the aims: (1) to arrive at a consensus among orthodontic education experts on the learning objectives along with assessment strategies and instructional modes in predoctoral orthodontic curricular content in Growth and Development; and, (2) to draft a recommendation that can be used as a framework in dental programs.

Responses to the questions:

1. Were the original, specific aims of the proposal realized?

RESEARCH: Yes. Additionally, the project's coverage included determination of Growth and Development curriculum in advanced education orthodontic programs.

EDUCATION: Yes. I attended and/or participated in University of Missouri-Kansas City (UMKC) School of Dentistry (SOD) Seminars and Faculty Retreats. I attended 2017 American Dental Education Association (ADEA) Annual Meeting in Long Beach, CA, and 2017 Society of Orthodontic Educators (SOE) Meeting and American Association of Orthodontists (AAO) Annual Session in San Diego, CA.

TEACHING: Yes. As predoctoral orthodontic program director, I was course (co-)director of four predoctoral orthodontic courses and director of the predoctoral orthodontic clinic. In these practical experience components, the UMKC SOD Class of 2017 honored me with two teaching awards: 2016 Lecturer of the Year and 2016 Rotation Faculty of the Year. For the didactic component of my teaching plan, I participated in UMKC Faculty Center for Excellence in Teaching (FaCET) Symposia in fall of 2016 and spring of 2017. Also, I was a cohort of the 2016 University of Missouri Faculty Scholars program.

CLINICAL: Yes. I completed the UMKC DDS Program for Internationally Trained Faculty in August 2017. I engaged in an Independent Study Course that allowed me to treat orthodontic patients for American Board of Orthodontics (ABO) Initial Certification Examination (ICE). Also, I was an assessor in UMKC orthodontic residents' clinical examinations.

2. Were the results published?

- a) If so, was AAOF support acknowledged?
- b) If not, are there plans to publish?

A manuscript is in progress for submission to a dental journal in spring of 2018. The support of AAOF will be acknowledged.

3. Have the results of this proposal been presented? Was AAOF support acknowledged?

- a) If so, when and where?

VL Ferrer and C. Gadbury-Amyot. Writing Instructional/Learning Objectives. Invited speaker at Lunchtime Learning Seminar at University of Missouri-Kansas City (UMKC), School of Dentistry. July 21, 2016.

VL Ferrer. Writing Instructional/Learning Objectives. Invited speaker at Faculty Career Enhancements (FACEs) in Orthodontics Workshop in West Palm Beach, FL. September 9, 2016.

Accepted presentations:

(Poster) VL Ferrer, C Van Ness, L Iwasaki, J Nickel and C Gadbury-Amyot. Expert Consensus on Growth and Development Orthodontic Curricula. March 18, 2018. 2018 American Dental Education Association Annual Session in Orlando, Florida. AAOF support was acknowledged in the submitted abstract and will be acknowledged in the poster.

(Workshop) VL Ferrer, S Rengasamy Venugopalan and C Gadbury-Amyot. Vision the Future Using the Delphi Method for Curriculum Development. March 20, 2018. 2018 American Dental Education Association Annual Session in Orlando, Florida. AAOF support will be acknowledged in the workshop.

4. To what extent have you used, or how do you intend to use, AAOF funding to further your career?

The AAOF funding allowed me to enroll in and complete the UMKC DDS Program for Internationally Trained Faculty Members. It funded annual fees to maintain my dental license and membership in several orthodontic associations. I plan to use the funding to further my knowledge and skills in dental and orthodontic pedagogy by participating in national and international meetings and by continuing my research in orthodontic curriculum development.