

## AAO Foundation Awards Final Report

Principal Investigator: Richard Singer, D.M.D., M.S.

Co-Investigator: \_\_\_\_\_

Secondary Investigators: \_\_\_\_\_

Award Type: Orthodontic Faculty Development Award

Project Year: January 2005-December 2005

Name of Institution: NOVA Southeastern University

Brief Summary (250 words or less):

The material aspects of the goals for the year as presented in the Description of the application for the Faculty Development Award were actualized during the 2005 academic year. The noteworthy accomplishments were as follows:

1. Advancement from co-Director to Director of the Orthodontic Department.
2. Development of Tweed literature based lecture series, supplemented with animated Powerpoint case analyses and descriptions of diagnosis, treatment planning, and treatment mechanics.
3. Standardization of the cephalometric radiographic technique within the department, including the purchase of a new cephalometer, to provide a starting point for future clinical research.
4. Standardization and re-organization of the protocol for clinical diagnosis, and treatment planning, including a standard format for case presentation.
5. Preparation of a Tweed typodont course, including construction of a controlled temperature water bath.
6. Acted as research advisor for two clinical cephalometric studies conducted by second year residents.
7. Update of the Department Syllabus Resident Manual.
8. Development of Instrument List for incoming residents.
9. Participation in the ABO Educators conference in St. Louis.
10. Expansion of administrative responsibilities, both within and outside the Orthodontic department:
  - a. Weekly Director's meetings – Post-graduate department policy planning.
  - b. Quality Assurance Committee – College of Dental Medicine.
  - c. Appeals Board member – College of Dental Medicine Disciplinary Actions.
  - d. Development of Financial Aid requirements for in-coming residents.
  - e. Assist Chairman in developing Department budget.
  - f. Orthodontic Faculty and resident supervision / discipline.
  - g. Overall clinic supervision.

- h. Dispute resolution / public relations as intermediary in issues arising among patients within the department clinic.
  - i. Representative for NOVA Southeastern University at the Orthodontic Chairman's Conference of the ADEA.
  - j. Participation on the Orthodontic Department Admissions Committee.
11. Development of a format for faculty evaluation – administrative evaluation and resident evaluation of faculty performance.
  12. Participation as an instructor at the Charles H. Tweed Foundation in Tucson, Az.
  13. Invitations extended to bring guest lecturers to the department to enhance the resident educational experience.

In summary, the 2005 academic year was productive, the majority of the goals defined were accomplished, and the experience enhanced my effectiveness as an educator and administrator. I want to thank the AAOF once again for facilitating this opportunity for me, through the grant process. Additionally, I extend my appreciation to Dr. Malcolm Meister and Dr. James Burch for their friendship, advice, and encouragement.

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