

Mentoring in the Academic Pipeline: Reflections from MDFD I Leaders

Dennis A. Mitchell, DDS, MPH

Senior Associate Provost - Faculty Diversity and Inclusion
Columbia University

Senior Associate Dean - Student Development
Columbia University College of Dental Medicine
Associate Professor of Dental Medicine (at CUMC)

Reflections from the MDFD I Program

- A History of the New York State Academic Dental Centers Consortium
- NYSADC MDFD Program and Fellows
- NYSADC MDFD Outcomes and Mentoring

NYSADC History: background

- NYSADC, a consortium of the 5 academic dental centers (ADCs) in New York State:
 - Columbia University College of Dental Medicine (Columbia)
 - New York University College of Dentistry (NYU)
 - Stony Brook University School of Dental Medicine (Stony Brook)
 - University at Buffalo School of Dental Medicine (Buffalo)
 - University of Rochester Eastman Institute for Oral Health (Rochester)
 - The Dean of each of the schools serve on the NYSADC Board

NYSADC MDFD Consortium

- Consortium application
 - Dr. Stanley Handelman and Jo Wiederhorn- Co PIs
 - Initiated by Mark Nivet, now with AAMC
 - Stipend support for dental school graduates interested in academic dentistry and pursuing an advanced degree
 - Funding from schools
 - Research component
 - Mentoring component

NYSADC MDFD Consortium

- Predicted:
 - Benefits
 - 5 schools would have the potential to refer more fellows than any single school
 - Networking opportunities for both fellows and schools
 - Opportunity to work collaboratively state-wide
 - Obstacles
 - Funding level for the consortium same as single institution award
 - Type of individuals eligible for funding- fulltime faculty
 - Outcomes
 - A large increase in the number of minority dental faculty members in New York State, not realized, but individual successes meaningful

NYSADC MDFD Consortium

- Innovations:
 - Common application for fellows
 - Committee policies and procedures handbook, including:
 - Application review process
 - Decision making process
 - Committee meeting schedule
 - Educational and networking symposium

NYSADC MDFD Consortium: outcomes

The entry into academic dentistry is a long process, however the NYSADC MDFD consortium allowed the following fellows to enter the academic dentistry pipeline:

NYSADC MDFD Consortium: outcomes

Julio Carrion, DMD, PhD: STONY BROOK

- Graduate of University of Puerto Rico
- Completed a combined PhD/Periodontology residency program, and completed a K30 Clinical research program.
- Completed an Individual Mentored Patient-Orientated Research Career Development Award (K23) from NIDCR.
- Received research awards at the International Association for Dental Research and the Northeast Society for Periodontists.
- Currently the Perio Program Director.
- Grant support: \$20,000/year for 4 years (2006-2010)

NYSADC MDFD Consortium: outcomes

Germain Jean-Charles, DDS, MS: BUFFALO

- DDS: University of Haiti Dental School; MS: NYU College of Dentistry
- Referral into MDFD Program from NYU to Buffalo
- Oral and Maxillofacial Pathology Program – received Certificate of Proficiency, September 2010
- Completed a 2-year AEGD program at Eastman Dental in Rochester (NYS dental licensure)
- Currently on faculty Rochester
- Grant support: \$20,000/year for 3 years (2007-2010)

NYSADC MDFD Consortium: outcomes

Maria Gabriela Perez, DDS, MS: BUFFALO

- DDS: University of Venezuela; MS, Oral Sciences: Buffalo School of Dental Medicine, completed Spring 2009
- Completed residency in TMD and Oral Facial Pain Program/AEGD
- Completed an advanced standing DDS at Buffalo in June, 2011
- Currently in private practice in Buffalo
- Grant support: \$20,000/year for 2 years (2007-2009)

NYSADC MDFD Consortium: outcomes

Meelin Dian Chin Kit-Wells, DDS, MPH: BUFFALO

- University at Buffalo School of Dental Medicine
- Completed Masters of Public Health Program at Buffalo in conjunction with a fulltime faculty position as Assistant Professor of Pediatric and Community Dentistry
- Extensive community outreach projects
- Received educational support from MDFD program for 3 years (2006-2009)
- Currently on faculty at Buffalo in Pediatric Dentistry

NYSADC MDFD Consortium: outcomes

Yaritza Miranda-Rivera, DMD, MS: BUFFALO

- DMD: University of Puerto Rico School of Dentistry; MS, Oral Sciences: Buffalo School of Dental Medicine, completed Spring 2007
- Grant support: \$20,000/year for 1 year (2005-2006)
- Currently on faculty at Buffalo in Perio

NYSADC MDFD Consortium: outcomes

Barbara Andoh, DDS, MPH: COLUMBIA

- DDS: Columbia University College of Dental Medicine; MPH: Columbia Mailman School of Public Health
- Enrolled in Doctorate of Education Program at Columbia University Teachers College in conjunction with a fulltime faculty position as Assistant Professor of Clinical Dentistry
- Received a NIDCR-funded Minority Supplement grant award to an R01
- Grant support: \$20,000/year for 1 year (2005-2006)

NYSADC MDFD Consortium: looking back

- Benefits of the consortium
- Obstacles within the consortium
- Schools' level of involvement
- Impact of institutional buy-in

NYSADC MDFD Consortium: looking back

- Applicants:
 - Quality
 - Potential impact
 - Number of applicants
- Effect of the economy
 - Financial support from the schools
 - Availability of faculty positions
 - Number of graduates interested in academia

NYSADC MDFD Consortium: moving forward

- Increase outreach efforts, broaden our impact
 - Start further down the pipeline
 - Long-term effect on pipeline: to be determined
 - Critical need for more programs to diversify dental medicine
 - Develop interdisciplinary minority faculty development programs (medicine, nursing, public health, etc.)
 - The Robert Wood Johnson Foundation – Harold Amos Medical Faculty Development Program now open to Dental Scholars

