POSTDOCTORAL RESIDENCY PROGRAMS

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Vice President, Graduate Dental Education
NNOHA 2018

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Our Mission:

As one of the nation’s premier oral health programs, NYU Langone Dental Medicine’s trifold mission to serve, teach, and discover is achieved daily through an integrated academic culture devoted to excellence in patient care, education, and research.
What is a Dental Residency?

- A period of at least 1 year, and often 3 to 7 years of “on the job training,” usually postgraduate, that is part of the formal education program for healthcare professionals.
  - *Medical Dictionary ©2009, Farlex and Partners*

- Dental residency
  - Pursued after graduation from dental school
  - General dentistry programs: usually 1 year with optional 2\textsuperscript{nd} year, some are two-year programs
  - Specialty dentistry programs: range from 2 to 4 year
The Residency Learning Environment

NYU Langone Dental Medicine
Postdoctoral Residency Program
NYU School of Medicine
Hansjörg Wyss Department of Plastic Surgery
Program Structure

- Residency program sponsor
- Centralized program administration
- Centralized didactic curriculum
## NYU Langone Dental Medicine Programs

<table>
<thead>
<tr>
<th>Program</th>
<th>ADA-CODA Approved</th>
<th>Length of Program</th>
<th>Enrollment 2018-2019</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GENERAL PRACTICE RESIDENCY – GPR (Est. 1974)</strong></td>
<td>YES</td>
<td>1-year with 2-year option</td>
<td>23</td>
</tr>
<tr>
<td><strong>ADVANCED EDUCATION IN GENERAL DENTISTRY – AEGD (Est. 1988)</strong></td>
<td>YES</td>
<td>1-year with 2-year option</td>
<td>240+</td>
</tr>
<tr>
<td><strong>PEDIATRIC DENTISTRY (Est. 1994)</strong></td>
<td>YES</td>
<td>2-year</td>
<td>122</td>
</tr>
<tr>
<td><strong>ENDODONTICS (Est. 2004)</strong></td>
<td>YES</td>
<td>25 months</td>
<td>11</td>
</tr>
<tr>
<td><strong>DENTAL ANESTHESIOLOGY (Est. 2008)</strong></td>
<td>YES</td>
<td>3-year</td>
<td>18</td>
</tr>
<tr>
<td><strong>ORTHODONTICS (Est. 2013)</strong></td>
<td>YES</td>
<td>2-year</td>
<td>4</td>
</tr>
<tr>
<td><strong>DENTAL PUBLIC HEALTH (Est. 2013)</strong></td>
<td>YES</td>
<td>1-year</td>
<td>10</td>
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</table>
Many Program Locations

NYU Langone Dental Medicine has affiliations with more than 340 sites.
• All clinical training sites undergo CODA accreditation.
• For organizations with multiple sites, residents are typically assigned to a “primary” site & others serve as “minor” or “supplemental” sites or residents can be assigned full time to each of the sites.
• Sites are actively involved in resident selection process; at least 4 or more residents placed.
• Dentists are credentialed as AEGD program faculty.
Responsibilities of Clinical Training Sites

• Provide direct & indirect faculty supervision for residents; general dentists & specialists.
• Provide auxiliary support (>90%), equipment & supplies.
• Integrate residents into the clinical practice.
• Provide residents with panel of patients and required clinical experiences consistent with program requirements & CODA standards.
• Evaluate residents & monitor their progress.
• Include residents in quality assurance activities.
Responsibilities of the Clinical Training Sites

- Minimum of 40 hours per week schedule for residents.
- Provide resident meeting space.
- Participate in meetings scheduled by program administration.
- Prepare for & participate in CODA accreditation activities.
- Point of contact at site must maintain regular & routine communication with program administration.
# AEGD Resident Schedule

<table>
<thead>
<tr>
<th>Resident</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Weds.</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident 1</td>
<td>Faculty A</td>
<td>Faculty A</td>
<td>Faculty A</td>
<td>Faculty A</td>
<td>Faculty A</td>
</tr>
<tr>
<td></td>
<td>Faculty B</td>
<td>Faculty B</td>
<td>Faculty B</td>
<td>Faculty B</td>
<td>Faculty B</td>
</tr>
<tr>
<td></td>
<td>DA</td>
<td>DA</td>
<td>DA</td>
<td>DA</td>
<td>DA</td>
</tr>
<tr>
<td>Resident 2</td>
<td>Faculty A</td>
<td>Faculty A</td>
<td>Faculty A</td>
<td>Faculty A</td>
<td>Faculty A</td>
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<tr>
<td></td>
<td>Faculty B</td>
<td>Faculty B</td>
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<tr>
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<td>DA</td>
<td>DA</td>
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<td>DA</td>
<td>DA</td>
</tr>
</tbody>
</table>
Responsibilities of the AEGD Program

- Resident salary
- Resident malpractice insurance
- Resident medical/dental & time off benefits
- PASS/Match
- Manages CODA accreditation
- Program marketing & resident recruitment
- Curriculum development
- Management of the outcomes reporting platform
- Resident endorsements (state dental boards, etc.)
NYU Langone Hospitals
AEGD Program; Curriculum

Clinical – 80%
• Full-time general dentistry training & practice at CODA approved clinical training sites.
• Focus on multispecialty, interdisciplinary comprehensive patient case management.
• Clinical requirements & milestones.
• Standardized core clinical curriculum.

Didactic – 20%
• Secure online lecture modules (Brightspace).
• Monthly patient care conferences (regional day sessions) through Bluejeans platform.
• Standardized core didactic curriculum.
AEGD Didactic Curriculum
2017-2018

- Dental Public Health
- Emergency Dentistry
- Emergency Medicine
- Endodontics
- Ethics and Professionalism
- Evidence Based Dentistry (EBD)
- Jurisprudence and Risk Management
- Medical and Dental Assessment
- Community Based Research for AEGD and GPR PGY2 residents
- Oral Medicine and Oral Pathology
- Oral Surgery
- Control of Pain and Anxiety
- Periodontics
- Pharmacology
- Practice Management/Administration
- Laser Dentistry
- Implant Dentistry
- Regional Day Sessions: Treatment Plan & Case Presentations; Patient Care Conferences
- Regional Day Sessions: Literature Review
- Special Care Dentistry
- Orofacial Pain and TMD
- Clinical Teaching
- Contemporary Dental Risk Management
- Cultural Competency
- Imaging in Implant Dentistry (Cone Beam Volumetric)
- HIV Education
New Innovations
Web-based Outcomes System

- Daily productivity reporting
- Clinical milestones
- Monthly chart audits
- Tri-annual evaluations (resident, program & faculty)
- BrightSpace modules
- Scholarly activities/portfolios
- Faculty dashboards facilitate monitoring of outcomes
Distance Learning model for didactic education

- **Live interactive video teleconferencing (VTC)** lets residents participate in lectures in the “virtual classroom” – no matter where you are

- **Asynchronous on-demand self-learning library of VTC lectures**
  - Over 200 course hours in basic science, all fields of dentistry and dental-related subject matter

- **Focus remains on 75% clinical- 25% didactic**

**On-demand self learning library**
Over 200 course hours in basic science, all fields of dentistry and dental-related subject matter
Triple Aim
Institute for Healthcare Improvement (IHI)
Patient Experience (Better Care)

NYU Langone Dental Medicine
Residency alignment:

- Education-based care & culture
- Patient-centered care
- Medically-integrated care
- Patient satisfaction
Health of Populations (Better Health)

NYU Langone Dental Medicine
Residency alignment:
• Increased access to care
• Quality improvement science/CODA
• Improved clinical outcomes for the population
Reducing per Capita Cost (Lower Cost)

NYU Langone Dental Medicine
Residency alignment:
- Resident-in-training workforce at little cost to health center affiliates
- Increased number of provider-residents to care for health center populations
- Economically sustainable delivery model
Fourth Aim: Improving the experience of providing care.
Pediatric Dental Residency Program

Dr. Daniel Kane
Program Director
Advanced Education in Pediatric Dentistry
NYU Langone Dental Medicine
Advanced Education in Pediatric Dentistry

Washington 2012
California/South 2012
Arizona/South 2010
Alaska 2005
Arizona/Central 2014
Hawaii 2009
Massachusetts 2010
Rhode Island 2003
New York 1994
Maryland 2011
Tennessee 2015
Florida 2014
Missouri/South 2013
### DIDACTIC CURRICULUM

<table>
<thead>
<tr>
<th>Video-Teleconference</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Pediatric Dentistry</td>
<td>180</td>
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</table>

<table>
<thead>
<tr>
<th>Asynchronous Modules</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brightspace - Assigned</td>
<td>235</td>
</tr>
<tr>
<td>Brightspace Library</td>
<td>285</td>
</tr>
</tbody>
</table>

**Educational Equity**
Accepted Residents
Dental Schools

UCSF
School of Dentistry

University of California
San Francisco

University of Maryland
School of Dentistry

NYU Dentistry

HARVARD
School of Dental Medicine

UF
College of Dentistry

Columbia University
College of Dental Medicine

UCLA
School of Dentistry

University of Connecticut
School of Dental Medicine

Penn
University of Pennsylvania

Rutgers
University of Dental Medicine

The University of Tennessee
Health Science Center
College of Dentistry

The University of Tennessee
Health Science Center
College of Dentistry

Creighton University
School of Dentistry

University of Colorado Anschutz Medical Campus

University of Colorado Anschutz Medical Campus

Ostrow School of Dentistry
of USC

Tufts University
School of Dental Medicine

University of the Pacific
Arthur A. Dugoni
School of Dentistry

Oregon Health & Science University

ASDOH
A.T. Still University

School of Dentistry

Marquette University
School of Dentistry

UMKC
School of Dentistry

Boston University
Henry M. Goldman
School of Dental Medicine
Advanced Education in General Dentistry

Dr. Anna D’Emilio
Program Director
AEGD
Advanced Education General Dentistry (AEGD) Residency Program

- Started in 1988-one resident, one health center affiliate
- 2017: 257 residents and over 70 clinical training site affiliates
- 1 year, with optional 2\textsuperscript{nd} year of training
- Both years are approved by CODA
AEGD Zone Structure

- Northeast (67)
- Southeast (58)
- Western (64)
- West Central (50)
AEGD Program Administration Structure

• Program Director
  – 1 director based at the sponsoring institution (NYU Langone Hospitals)

• Senior Associate Directors
  – 4; one oversees each of the 4 zones

• Associate Directors
  – Multiple; oversee assigned regions

• Dental Directors
  – Based at the clinical training site; they are site administrators & also serve as AEGD program faculty
AEGD Clinical Requirements; CODA Standards

- Comprehensive multidisciplinary dental care
- Patient assessment and diagnosis
- Obtaining informed consent
- Promoting disease prevention
- Control of pain & anxiety (behavior & pharmacological)
- Restoration of teeth (including single crowns)
- Endodontic therapy (including anterior, premolar, and molar endodontic therapy)
- Replacement of edentulous spaces (fixed partial dentures, removable partial dentures and complete dentures)
- Periodontal therapy (including surgery)
- Hard and soft tissue surgery
- Management of medical and dental emergencies
- Medical risk assessment
AEGD Clinical Requirements

- Comprehensive multidisciplinary dental care
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- Obtaining informed consent
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In The Complex World Of Modern Dentistry
EXPERIENCE MATTERS
Make Your Future Extraordinary

NYU Langone Hospitals Postdoctoral Dental Residency Program

"The AEGD Experience with NYU Langone Dental is one of the best in the country. I learned exposure to procedures I had never done before. I treated people with complex conditions and people whom I may have never had the chance to, such as drug addicted and underserved. I gained experience in CBCT scanning, IV sedation, implant placement and restoration, extractions, removable and fixed prosthodontics, and ACLS patient care.

Dr. Stanfield Ballard '16
Alabama AEGD"

"I learned to empathize with special needs patients and truly understand how severe dental health can become. After my AEGD Residency, I had 4 job offers and every employer I spoke with was very impressed with the knowledge and experience I gained with NYU Langone Dental.

Dr. Kelly Branchmeier '16
Upright AEGD"

"It was such a positive experience and I am so happy I did it! If I compare myself with my friends from school who started working right after graduating, I did so many more procedures than they did, perfected my skills, and had many more post-grad opportunities.

Dr. Julianne Raimondi '16
Upstate NY AEGD"

The Largest Postdoctoral Dental Residency Program In The World!