Master’s in Science of Dentistry (MSD)

- This program is offered by the [School of Dental Medicine](#) Advanced Educational Programs.
- Available to SDM faculty who received a certificate from UPRSD in Pediatric Dentistry, Prosthodontics, Oral and Maxillofacial Surgery, Orthodontics
I. Research Courses: Advanced Education Programs

<table>
<thead>
<tr>
<th>Codification</th>
<th>Title</th>
<th>Course Coordinator</th>
<th>Offered</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDOC 9006</td>
<td>Research Methods and Applied Statistics for Dental Residents</td>
<td>• Dr. Rivas Tumanyan</td>
<td>• First Year - First and Second trimester</td>
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<tr>
<td>PDOC 9101</td>
<td>Introduction to Research Planning : SLR</td>
<td>• Dr. López-Del Valle</td>
<td>• First Year - Third Trimester</td>
</tr>
<tr>
<td>PDOC 9102</td>
<td>Research Planning and Statistical Design I (MSD Track)</td>
<td>• Dr. Elías-Boneta</td>
<td>• Second Year - First Semester</td>
</tr>
<tr>
<td>PDOC 9103</td>
<td>Research Project and Statistical Design II (Certificate Track)</td>
<td>• Dr. López-Del Valle</td>
<td>• Second Year - First Semester</td>
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<tr>
<td>PDOC 9104</td>
<td>Research Project III</td>
<td>• Dr. López-Del Valle</td>
<td>• Second Year - Second Semester</td>
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<tr>
<td>PDOC 9000</td>
<td>Thesis</td>
<td>• Dr. Elías-Boneta</td>
<td>• Second Year - Second Semester</td>
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<tr>
<td></td>
<td></td>
<td>• Dr. López-del Valle</td>
<td>• Third Year</td>
</tr>
</tbody>
</table>
Research Project Development

- Dr. Elias
- Ricardo Ledesma

- Undergraduate
- Orthodontics
- OMFS
- Pediatric Dentistry
- Prosthodontics

- English Editor
- Manuscript preparation

- Primary Mentor
- Content expert
- Statistician and/or Epidemiologist

OADR

Research Coordinator

Supporting Staff

Research Committee
Post-Doctoral Master’s in Clinical and Translational Research

• This program is a joint academic offering between the School of Health Professions and the School of Medicine (UPR, RCM).

• It offers a 2 year multidisciplinary training program in clinical and translational research, integrating the didactic component and committed clinical translational research.

• Program’s goals: Improvement in quality of life and decreasing health disparities among Hispanics.
Puerto Rico Clinical and Translational Research Consortium (PRCTRC)

- The PRCTRC offers many resources for research faculty including:
  - Collaborations
  - Research proposal/grant preparation
  - Study implementation
  - Statistical analysis and data management
  - Scientific preparation
- Funds for pilot projects on an annual competitive basis
Center of Collaborative Research in Health Disparities (CCRHD)

- The CCRHD’s programs are:
  - Centers for Translational Proteomics
  - Center for Translational Genomics
  - Translational Neuroscience Program
  - Infectious and Global Diseases Program
  - Center for Information Technologies and Telecommunications

- The CCRHD collaborates with the faculty by soliciting, reviewing and awarding funds to innovative proposals.
Office of Assistant Dean of Research (OADR): Research Centers and Cores

A. Center for Clinical Research and Health Promotion (CCRHP)
B. Oral Microbiology and Caries Control Core (OMCCC)
C. Dental and Craniofacial Genomic Core (DCGC)
D. Research and Equity analysis unit (REAU)
E. Corporate Research Core (CRC)
F. Biostatistics and Epidemiology Core
Additional Opportunities

• Mentor of students from UPRSMD residency programs (Master or Certificate).

• Content mentor in the elective research course for dental students (DESP 7411).

• Mentor for ADEA Academic Dental Career Fellowship Program (ADCFP) to enhance the involvement of undergraduate students and faculty in education research.

• Funds available:
  ✓ Research meetings presentations
  ✓ ADA Systematic Literature Review
  ✓ Poster presentation (AADR, IADR, local research forums)
Additional Opportunities

• Participate in ICDAS training and calibration exercises
• Serve as an examiner, sample collection or surveys in ongoing research projects (ie. HELiOS-Dr. Morou, FACEGENES-Dr. Buxó).
• Interdisciplinary Research Leaders program:
  ✓ Mentorship (Robert Wood Johnson Foundation).
University of Puerto Rico, Medical Sciences Campus
School of Dental Medicine
Office of Assistant Dean of Research
Dr. Augusto Elías-Boneta
Lydia Lopez Del Valle
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787-758-2525, ext.1139