

BIOGRAPHICAL SKETCH

NAME Roura-Lugo, Nelson	POSITION TITLE Associate Professor		
eRA COMMONS USER NAME			
EDUCATION/TRAINING (<i>Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.</i>)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of Puerto Rico, Rio Piedras Campus	BS	1968	Pre-Dental
University of Puerto Rico, Medical Sciences Campus	DMD	1971	Dentistry
University of Michigan, Ann Arbor, Michigan.	MS	1973	Prosthodontics

A. Positions and Honors

Positions

1970-1971	Benedict's School of Language: part time teacher.
1971-1973	Instructor, Restorative Sciences Department, University of Puerto Rico-School of Dentistry (UPR-SD).
1973-1980	Assistant Professor, UPR-SD, Restorative Sciences Department.
1973-1975	Head, Crown and Bridge Division, UPR-SD.
1973-1975	Consultant, Fixed Prosthodontics and Occlusion, Veterans Administration Hospital (VAH), San Juan, Puerto Rico.
1973-1974	Vice-president Omicron Kappa Upsilon, Beta Gamma Chapter.
1975-1977	Chairman, Restorative Sciences Department, UPR-SD.
1973-1995	Director, curriculum on Occlusion, UPR-SD.
1973-1995	Faculty, Prosthodontics Graduate Program, UPR-SD.
1975-1995	Member: Continuing Education, Annual Scientific Session, Specialties (<i>Prosthodontics</i>), Oral Health Week, Nominations and Ethics Committees, "Puerto Rico College of Dental Surgeons".
1992-1995	President, Ethics Committee, "Puerto Rico College of Dental Surgeons".
1978-1979	Director, reform of the Sophomore Crown and Bridge Course, UPR-SD.
1979-1980	Member, Organizing Committee of the Pan-American Congress of Periodontology, sponsored by the American Academy of Periodontology.
1979-1981	Consultant, Fixed Prosthodontics and Occlusion, VAH.
1980-1995	Associate Professor, UPR-SD, Restorative Sciences Department.
1989-1995	Organizer and director, junior Clinical Theory on Occlusion course, UPR-SD.
2003-2004	President, Puerto Rico Chapter of the American College of Prosthodontists.
2004-Present	Associate Professor, Ecological Sciences Department: Hispanic Center of Excellence and Research Center.
2004- Present	Member, Puerto Rico Professional and Community Advisory Board to the NYU Oral Cancer Research for Adolescent and Adult Health Promotion.
2004- 2006	Member, Organizing Committee of the XXV Annual Forum on Research and Education, Medical Sciences Campus, University of Puerto Rico.
2006-2007	Organizer and director, Practical Seminar: Foundation of Occlusion and Temporomandibular Disturbances (Rest. 9081-2), to Graduate Prosthodontic Residents.

Honors

1963	Elected to represent the municipality of Yauco at the Scientific Summer Camp of the (<i>American</i>) <i>National Science Foundation</i> . Agriculture and Mechanical Arts College, Mayagüez, P.R.
1968	B.S., Magna cum Laude
1968	Outstanding Scholarship Award of Freshman Dental Class.
1968	Elected to represent UPR-SD at the <i>Fourth Dental Student Conference on Research</i> , The Council of Dental Research of the American Dental Association, Washington, D. C.

- 1968 Elected to represent the UPR-SD at the *United States Dental Public Health Student Exchange Training Program*, University of Kentucky, Lexington, Ky., Jul-Aug.
- 1969 Outstanding Scholarship Award of Sophomore Dental Class.
- 1971 Outstanding Scholarship Award of Graduating Dental Class.
- 1971 C. V. Mosby Award for Scholastic Achievement.
- 1971 Winner: *Block Essay Contest* (Essay on: "The impact of cancer upon the community").
- 1971 Member, Omicron Kappa Upsilon (OKU) Honorary Dental Society, Beta Gamma Chapter.
- 1971 Academic License with Economic Help (offered by the UPR - Medical Sciences Campus) to realize graduate studies in the discipline of Occlusion at the University of Michigan.
- 1994 *Dental College Member of the Month*, "Puerto Rico College of Dental Surgeons".
- 2005 Dedication of the Fourth Symposium of Puerto Rico Chapter of the American College of Prosthodontists.

Membership in Associations

- 1967 to present American Dental Association.
- 1971 to present Omicron Kappa Upsilon Honorary Dental Society, Beta Gamma Chapter.
- 1972-1974 Francis B. Vedder (Crown and Bridge) Society, Michigan.
- 1973 - 2006 American College of Prosthodontists.
- 1973 to present Puerto Rico College of Dental Surgeons.
- 1979 -1989 Puerto Rico Restorative Dentistry Society.
- 1979 -1999 American Academy of Fixed Prosthodontics.
- 1985 to present Puerto Rican Prosthodontics Study Club (Founder).
- 1993 to present Puerto Rico Association of Prosthodontists.
- 2003 to present Interdisciplinary Academy of Osseointegration of P.R. (Founder).
- 2005- International Association of Dental Research.
- 2006- American Dental Education Association (ADEA).
- 2007 - Academy of Arts and Sciences of Puerto Rico

B. Publications:

Castillo, J. and Roura, N. Dental Services for the Indigent Population of Kentucky in 1969: A Survey. In: 1969-70 Community Dentistry Fellowship Program, University of Kentucky, August, 1970.

Roura, N. The effect of Occlusal Bite Splint Therapy on Temporomandibular Joint Dysfunction and on Mandibular Border Movements, as recorded by a Pantograph. UNIVERSITY OF MICHIGAN THESIS, 1973.

Roura, N. and Clayton, J. Pantographic records on TMJ dysfunction subjects treated with occlusal splints: A Progress Report. J PROSTHET DENT 33: 442-58, April 1975.

Roura Lugo, N. "Exposition of methodology in the analysis of ethical conflicts" (sp). "COLEGIO POR DENTRO" - SPECIAL SUPPLEMENT 6(10), 12 pages, Dec.1993 - Jan. 1994.

Roura, N. "Illusion of Knowledge" (sp). Addendum to the publication of the UPR-SD: "ODONTOLOGÍA INFORMA", Jan 2005.

8. Roura, Nelson Y Hernández, Pedro L. "Research Proposal Guidelines"
9. Rodolfo Acosta Ortiz. OD, MS. y Nelson Roura Lugo. DDS, MS. Una Revisión De La Literatura Sobre La Relación Causal Entre Los Factores Oclusales (FO) Y Los Desordenes Temporomandibulares (DTM) III: Estudios Experimentales con Interferencias Oclusales (IO) artificiales. (in press)

C. Research Activities:

Clinical Research on *Speech Pathology in Patients with Cleft Palate*, under Dr. Norman Harris, University of Puerto Rico, School of Dentistry, 1970.

Clinical Research on *the Effect of Occlusal Bite Splint Therapy on TMJ Dysfunction Patients and on Mandibular Movements as Recorded by a Pantograph*, University of Michigan, School of Dentistry, 1971-73.

Chairman of the Thesis Committee of research leading to the degree of Master in Science (for Dr. Donald Mangual) on *Hinge Axis Kinematic Location*, Veterans Administration Hospital, San Juan, Puerto Rico, 1973-75.

D. Table Clinics:

Sound Wave Analysis on Cleft Palate Patients, American Student Dental Association Meeting, spring 1970.

"Centric Relation - Records Obtained with Acrylic Resin and Cusp-cones", Francis B. Vedder Society Meeting, Boyne Highlands, Michigan, 1972.

Pantographic Records on TMJ Dysfunction Subjects, Treated with Occlusal Bite Splints, presented at American Academy of Crown and Bridge Prosthodontics, Annual Scientific Session, Chicago, Illinois, February 9, 1974.

E. Videotapes:

Roura, N. *"Hinge Axis Kinematic Location"* (sp.), UPR-MSC, Tape #22.

Roura, N. *"Pantographic Tracings of the Mandibular Movements"*, (sp.) UPR-MSC, Tape #22.

Roura, N. *"Articulation in a Semi-Adjustable Articulator"*, (sp.) UPR-MSC, Tapes #18 & 19.

Roura, N. and Ferrer, F. *"Alginate Impressions"*, (sp.) UPR- MSC, Tape #

F. Continuing Education Courses Offered:

"What Type of Occlusion do my Patients Accept?" (Sp.). Annual Scientific Meeting of the ACADEMY OF GENERAL DENTISTRY, P. R. Chapter, Rio Mar, P.R., 16 hours, 1976.

"Occlusion in the Daily Practice of Crown and Bridge" (sp.). Annual Scientific Meeting of the ACADEMY OF GENERAL DENTISTRY, P. R. Chapter, 16 hours, 1977.

"Concepts about Preparations and Impressions in Crown and Bridge" (sp.). Lecture to the Southern District of the Puerto Rico College of Dental Surgeons (PRCDS), Ponce, 3 hrs. May 16, 1978.

"Occlusion and Oral Rehabilitation" (sp.). Comprehensive course, seminars and consultants in the development of a curriculum in Occlusion, UNIVERSITY OF COSTA RICA, School of Dentistry, San José, Costa Rica, July 11-27, 1978.

"Daily Practice of Occlusion" (sp.). Course given to the "GROUP OF ODONTOLOGICAL STUDIES", Santo Domingo City, Dominican Republic, 16 hours, September 2 & 3, 1978.

"Occlusion and Quality Control in Fixed Prosthodontics" (sp.). Lecture to the Northern District of the PRCDS, Arecibo, 3 hours, October 19, 1978.

"Occlusion for Orthodontists" (sp.). Lectures to the SAN JUAN ORTHODONTIC STUDY CLUB, San Juan, P.R., 6 hrs., October 2 and November 6, 1979.

"Diagnosis and Treatment of Occlusal Pathology in the Daily Practice of Orthodontics." Course given at the "CENTRO CULTURALE S.I.R.I.O.", Milano, Italy, 18 hours, February 15 - 17, 1980.

Treatment of MFPD Syndrome with Mandibular Repositioners: research, radiographic, pantographic, and clinical findings. Lecture at the Panamerican Congress of Periodontology, sponsored by the AMERICAN ACADEMY OF PERIODONTOLOGY, San Juan, P.R., 2 hours, April 19, 1980.

"Quality Control in Fixed Prosthodontics" (sp.). Lecture delivered to the "A Metropolitan District" of the PRCDS San Juan, P.R., 3 hours, June 25, 1980.

"Occlusal Concepts Applied to the Daily Practice of Dentistry" (sp.). Comprehensive course at the UNIVERSITY OF ZULIA, Maracaibo, Venezuela, 28 hours, September 22-26, 1980.

"Occlusion: Daily Practice of the Dentist" (sp.). Scientific Session of the Annual Meeting of the Puerto Rico College Dental Surgeons, San Juan, 13 hours, January 28-30, 1982.

"Present Status of Prosthodontia: Design and Construction of Fixed-Removable Prosthesis" (sp.). Guest lecturer to the Summer Meeting of the PRCDS, Aguadilla, P.R., July 18, 1983.

"Daily Practice of Fixed and Removable Prosthodontics" (sp.). Lecture to the Southern District of the PRCDS, Ponce, P.R. 3 hours, July 24, 1984.

Myofascial Aspects of Temporomandibular Joint Dysfunction. Guest lecturer at the DENTAL CLINIC OF ROOSEVELT ROADS NAVAL BASE, Ceiba, Puerto Rico, 1 hour, November 9, 1984.

"Use of Metal and Glass (ceramic) in Prosthodontics"(sp.). Lecturer and member of *round table* discussion. Mayagüez, P.R., 4 hours, June 22 and 23, 1985.

"Physiology of Occlusion, diagnosis and treatment of Temporomandibular Disturbances" (sp.).Lectures to a group of Spaniard dentists in post-graduate training at UPR-SD, 4 hours, April 15 to May 20,1988.

"Art and Science: Classification of Cognition, Theory of Knowledge and Scientific Method" (sp.). Guest lecturer to the program of introduction of dental students to research, 2 hours, February 3, 1989.

"Occlusion and Oral Rehabilitation: Diagnostic Categories, Diagnostic Work-Up, and Combination of Fixed, Removable and Implant-supported Prosthesis" (sp.). Course as part of the Program of Continuing Education of the UPR-SD, MSC, 9 hours, June 12, 19 and 26, 1991.

"Significant details in prosthodontics" (sp.). Guest lecturer to the Metropolitan District B of the CCDPR, El Zipperle, San Juan, 2 hours, September 30, 1993

Occlusion: Diagnosis, Planning and Prosthodontic Rehabilitation. Course to H.E.L.O GROUP, Sofitel Hotel, Miami, Florida, 8 hours, Jan. 21, 1995.

Participation in educational panel in the T.V. program: *Tú Salud ("Your Health")*, WIPR (Channel 6 &3), three hours of broadcast, transmitted on Jan. 5, Dec. 7 and 14, 1999 (included filming in my private office on education in oral health)

Facilitating the Prosthetic Dictum in the Placement of Dental Implants (sp.). Moderator of Panel, in the First Symposium of the Puerto Rico Chapter of the American College of Prosthodontists. 4 hours, Condado Plaza Hotel, San Juan, August 12, 2000.

Transcendental Happenings in Prosthodontics. Lecture in the Seminar: Beginning a New Millennium: *Innovations in Dentistry.* XL Anniversary of the Honorary Dental Society Omicron Kappa Upsilon, Beta Gamma Chapter, San Juan, one hour, June 8, 2001.

Creating the Prosthetic Paradigm. Presentation in interdisciplinary panel of the Second Symposium of the Puerto Rico Chapter of the American College of Prosthodontists, 4 hours, Condado Plaza Hotel, San Juan, Aug.18, 2001.

Illusion of Knowledge. Presentation and moderation of the interdisciplinary panel of the Third Symposium of the Puerto Rico Chapter of American College of Prosthodontists, 6 hours, Condado Plaza H, San Juan, Aug.17, 2002.

G. Private Practice:

1950's-1971 Part time clinical and laboratory assistant in my father's dental office (DDS-GP), Yauco, P.R.

1972 - 1973 Part time general practitioner(DMD), Dr. Ronald Fox's (Prosthodontist) office, Ann Arbor, Mi.

1973-Present Private practice limited to prosthodontics, with in-house laboratory, San Juan, P.R.