

CURRICULUM VITAE.



Full name: Diego Arturo Lopez-de Ortigosa.
Place and date of Birthday: Mexico City, Mexico, August 3, 1937.
Status: Married.
Personal address: Mariano Perusquia No. 203.
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Mexico.
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Studies:

- Elementary: Colegio Cristobal Colon. Mexico City. **(1944-1949)**.
- Junior High School: Escuela Secundaria Federal No. 4. Mexico City **(1950-1952)**.
- High School: Centro Universitario Mexico. Mexico City **(1955-1956)**.
- Undergraduate: Universidad Nacional Autonoma de México (UNAM). Civil Engineering. Mexico City **(1957-1963)**.
- Graduate: Universidad Autonoma de Queretaro (UAQ). Queretaro, Qro. Master in Engineering (Construction) **(1983-1985)**.
The University of Texas. Austin, TX. U. S. A. Ph. D. (Construction Engineering and Project Management Program) **(1989-1993)**.

Degree and date: Civil Engineer. July 13, **1968**.
Dissertation: Design of a Highway Bridge to Cross the Santa Catarina River. Matamoros-Monterrey Highway.

Degree and date: Ph. D. (Construction Engineering and Project Management). December 20, **1993**.
Dissertation: Forecasting Construction Costs in Hyper-inflated Economies.

Other studies: Dynamic Design of Structures Under Earthquake Forces. Instituto de Geofísica. UNAM **(1962)**.

Scuba Diving Applied to Civil Engineering. Facultad de Ingenieria UNAM (1963).
 Scuba Diving Techniques. U. S. Navy Electronics Laboratory. San Diego, CA. U. S. A. (1964).
 Basic Language as a Programming Tool. Facultad de Ingenieria (1978).
 Advanced English Course. Instituto de Idiomas. UAQ (1980).
 Advanced Appraisal Course. Instituto Mexicano de Valuacion de Queretaro, A. C. (1981).
 Practical Uses for Solar Energy in Civil Engineering and Architecture. Facultad de Ingenieria. UAQ (1981).
 General Didactics. UAQ (1982).
 Continuos Medium Mechanics. Facultad de Ingenieria. UAQ (1983).
 Basic Language for Apple Microcomputers. Facultad de Contaduria y Administracion. UAQ (1983).
 TOEFL Course. Instituto de Idiomas. UAQ (1987).
 Strategic Planning. Facultad de Contaduria y Administracion. UAQ (1988).
 University Evaluation Workshop. CONAEVA (1992).
 Course for Leaders in Higher Education Institutions. Monterrey and Puebla Universities(1994).
 Seminar for Leaders in Latin America Universities: Quality Evaluation and Improvement. Harvard Graduate School of Education (1998).
 Seminar for Evaluators. Engineering and Technology Committee. CIEES (1999).

Works developed

1958-1960: Technical Draftsman. Instituto de Geofisica. (UNAM).
1960-1965: Research Assistant. Instituto de Geofisica (UNAM).
1965-1967: Construction Superintendent, working in the Mexico City Metropolitan Area for Inmobiliaria EPSA, S. A. and Inmobiliaria URBA, S. A.
1967-1969: Technical Advisor. Fester de Mexico, S. A.
1969-1970: Construction Superintendent for Solum, S. A. (ICA Group), working in the Mexico City Metro and the "Las Cruces" Tunnel (Acapulco, Gro.).
1970-1971: Construcciones Modernas de Queretaro, S. A. CEO.
1971-1978: Working for his own as Civil Engineer in Querétaro City.
1977-1980: Senior Lecturer. Facultad de Ingenieria. UAQ.

1978-1980: Ortos Construcciones, S. A. CEO.

1978-1979: Designer and Technical Advisor FM radio broadcasting station. UAQ.

1980-1989: Associate Professor [Cat. VII (highest)]. Facultad de Ingenieria UAQ. (Courses taught at undergraduate level: Construction Methods, Concrete, Bridges, Engineering Economic Analysis and Management Principles).

1983-1986: Academic Secretary. Facultad de Ingenieria UAQ.

1986-1989: Director of Students Academic Affairs. UAQ.

1991-2002 Researcher and Professor in the Research Studies and Graduate Courses Division. Facultad de Ingenieria UAQ (Courses taught: Construction Management, Accounting for Construction Companies, Financial Planning, Cost Engineering and Human Factors in Construction).

1991-1996: Director of Teaching and Academic Planning Department. UAQ.

1997: Visiting Professor. The University of Texas at Austin.

1997- 2000: Director of Institutional Planning and Development Department. UAQ.

2000-2001: Since June, 2000 until June, 2001, Head of the Research Studies and Graduate Courses Division. Facultad de Ingenieria UAQ.

June, 2001-February. 2002: State Coordinator of the State Committee for Higher Education Planning, a division of the Queretaro's State Education Ministry.

September, 2002: Retire as Associate Professor after 25 years teaching. UAQ.

Since February, 2005: General Secretary in the Universidad Marista de Queretaro (a private university).

Other courses taught:

1980: Concrete Structures. ICA. Mexico City.

1982: Concrete Structures. ICA. Mexico City.

1983: Analysis, design and construction of reinforced concrete structures. Facultad de Ingenieria UAQ.

1985: Construction Works: Supervision and control. Facultad de Ingenieria UAQ.

Analysis, design and construction of reinforced concrete structures. Facultad de Ingenieria UAQ.

1986: Computers applied to Engineering. Facultad de Ingenieria de la UAQ.

Financial Management in Construction Facultad de Ingenieria UAQ.

1992: Word Perfect (WP51), UAQ.
CPM. Facultad de Ingenieria UAQ (assisting Dr. Calin M. Popescu, a visiting Professor from the University of Texas).
CPM Development. Instituto Tecnologico de Queretaro.
1997: Forecasting Construction Costs Under Inflation. The University of Texas at Austin. Visiting Professor.
1998: Continuos Education Program: Cost Engineering. Facultad de Ingenieria, U. A. Q.

Papers and books:

1961: La radiación solar incidente sobre el tropico de cancer (co-author). Anales del Instituto de Geofisica. UNAM. Vol. VII.
1968: Puente para camino para cruzar el rio Sta. Catarina. Carretera Matamoros-Monterrey (Graduate Dissertation).
1983: Comentarios sobre el diseño de vigas rectangulares de concreto reforzado. Publicaciones de la Escuela de Ingeniería Civil UAQ.
1985: Diseño de vigas de concreto usando microcomputadoras. Investigación (ISSN 0185-472-0), 4^o año, numero 13, Julio-Septiembre de 1985. pp. 42-66.
1993: Momentos de continuidad trabe-castillo (Una solucion teorica al problema del semi-empotramiento. Avances. IV year, No. 16 (January) pp. 40-42 and V year, No. 17 (March) pp. 18-29.
Forecasting Construction Costs in Hyper-Inflated Economies (Doctoral Dissertation). The University of Texas at Austin.
1994: Apuntes del Curso de Administracion de la Construccin. UAQ.
1995: Mexican Inflation Housing Model. Proceedings of the 39th. International Meeting. American Association of Cost Engineering (ACE). St. Louis, MO. USA.
2003: Elementos de Ingenieria de Costos: 756 pp. Text book for graduate students. Not published.
2007: Ingenieria de Costos en la Construccin. Text book for undergraduate and graduate students. (Not published).

Distinctions:

Founder Member. Colegio de Ingenieros Civiles del Estado de Queretaro (**1972**).
Recognition for dedication to Engineering Teaching, American Board for Enginnering and Technology, U. S. A. (**1992**).
Member of the National Researchers System (Level I) (Julio de **1993**).

Recognition as an outstanding graduate Professor, UAQ (1994).

Vice-president. Asociación de Responsables de Estadística de la Educación Superior (ANREES) (1995).

Evaluator for the Engineering and Technology Committee of the Interinstitutional Committee for the Evaluation of Higher Education, CIEES (1999).

Internal Evaluator, CONACYT's Miguel Hidalgo Research System (SIHGO) (2000).

External Evaluator, CONACYT's Francisco Villa Research System (SIVILLA) (2000).

Recognition "Ing. Fernando Espinosa Gutierrez", given by Colegio de Ingenieros Civiles del Estado de Queretaro, because his outstanding work as Civil Engineer and Professor (2001).

Congress, work meetings,
etc.:

1982: II Congreso Nacional del Concreto, IMCYC.,

1986: First International Conference on Computer Applications in Concrete. Singapore, Thailand. "Full design of concrete beams using microcomputers".

1992: II Reunión de trabajo. Comité de Planeación. Region Centro - Sur ANUIES.

1993: IV Reunión de trabajo. Comité de Planeación. Region Centro - Sur ANUIES.

II Symposium México Joven. Facultad de Contaduría y Administración, UAQ.

Seminario "Fuentes Alternativas de Financiamiento".

1994: II Encuentro Anual y I Nacional de Responsables de la Información Estadística (UNAM).

VIII Reunión de trabajo. Comité de Planeación. Region Centro - Sur ANUIES.

IX Reunión de trabajo. Comité de Planeación. Region Centro - Sur ANUIES.

1995: X Reunión de trabajo. Comité de Planeación. Region Centro - Sur ANUIES.

"Mexican Housing Inflation Model". 39th International Conference in Cost Engineering. AACE, San Luis, Mo. U. S. A.

1999: Central America, Caribbean and Mexico Meeting. The International Association of University Presidents.

2000: Construction Seminary. Construction University, Rostov of the Don, Russia.

2001: International Meeting for Engineering Students Interchange. Lyon, France.

Languages:

Read, write, speak and translate from English.

Translate from French.

December, 2007.