

Name: Benya, Edward George Francis Resume (curriculum vitae)

Birth: 18 September, 1946, Yonkers, New York, United States of America

Higher Education:

<u>Institution</u>	<u>Dates</u>	<u>Major</u>	<u>Degree</u>	<u>Year</u>
1. Miner Institute	1964-65	Liberal Arts	Diploma	1965
2. Cornell University	1965-69	Agriculture	Bach. Sci.	1969
3. University of Florida	1969, 71-72	Dairy Science	M.S. Agr.	1972
4. Loyola U. New Orleans	1976-78	Philosophy	-----	
5. Instituto Santo Inacio	1982-84	Theology	Bach. Theol.	1984

Master of Science

Thesis: Genetic and Environmental Parameters for Milk Yield, Milk Composition and Body Weight of Guernsey, Jersey and Holstein Cattle in a Subtropical Environment

Major: Dairy Science (Quantitative Genetics)

Minors: 1. Statistics
 2. Tropical Agriculture

Positions held since/during graduation:

<u>Position</u>	<u>Dates</u>	<u>Duties</u>
1. Member of Society of Jesus (New Orleans Province, applied Bahia Province, Brazil)	1974-present	Ministerial, pastoral, preaching educational, scientific research, instructor, Science, Biology, English
a. St. John's College, Belize Central America	1979	Instructor, Science & Biology
b. MEPES (Movimento de Educacao Promocional do Espirito Santo), Anchieta Espirito Santo, Brazil	1980	Instructor, Chemistry, Research
c. Escola Agr. Sto. Afonso Rodriguez e Paroquia do Divino Espirito Santo Teresina, Piaui, Brazil	1986-present	Instructor, pastoral, ministerial, agrarian & biological research, youth development
d. UNISINOS (Univerdidade do Vale do Rio dos Sinos) Centro 2 – IPP (Instituto de Pesquisa de Planaria) São Leopoldo, Rio Grande do Sul, Brazil	1996-present (semestral)	Ministerial, Cytogenetic and Homeotic gene research
e. Paroquia do Santo Rosário Russas, Ceará, Brazil	2005-present (semestral)	Sacramental ministries, preaching.
2. Gardener, Anderson School Staatsburg-on-Hudson, New York	1974	Ornamental horticulture, plant propagation, grounds care

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| 3. Estate Manager, Mandara Estate
Barrytown, New York | 1973-74 | General care of stables, horses and grounds of 580 acre (230 há) estate |
| 4. Herdsman
Tri-state Livestock Company
Florence, Alabama, U.S.A. | 1973 | Interstate shipment of livestock;
general care, nutrition, medication,
purchase and sale of livestock |
| 5. Graduate Research Assistant
Dairy Science Department
University of Florida,
Gainesville, Florida, U.S.A. | 1969-72 | Collection, analysis and interpretation
of raw data concerning genetics and
management of livestock |

Consultations:

Consultant to ***Belize Investment Magazine*** from November to December, 1976 regarding analysis and journalistic reports concerning the history, status and developmental potential for the cattle industry in Belize, Central America.

Professional Societies:

1. American Institute of Biological Sciences (AIBS), Washington, DC

Military Service:

United States Army: Total service: 1969-1975
 Total active service: 19 months
 Total foreign service: 14 months (Southeast Asia)
 Honorable Discharge: September, 1975

General Service:

Veterans representative, 1972 Republican National Convention

Awards:

1. William H. Miner Fellowship, Miner Institute, Chazy, New York
2. David Kennedy Johnston Scholarship, Cornell University, Ithaca, New York
3. Army Medal of Commendation (with bronze oakleaf cluster)

Religion:

Roman Catholic: member of Society of Jesus (Jesuits) since August, 1974
New Orleans Province (Catholic Society of Religious and Literary Education)
Final vows, September, 1992.
Ordination: 1. Deacon, 31 July, 1983
 2. Presbyter, 8 September, 1984

Lectures:

1. "Livestock Production In Central America and the Caribbean", delivered at Louisiana State University (LSU), Baton Rouge, Dairy Science Dept., October, 1977.
2. "Cattle and Buffalo Production In South Asia", delivered at Louisiana State University (LSU), Baton Rouge, Dairy Science Dept., October, 1977.
3. "Sedentary Agriculture: The Contributions of Ancient Egypt", delivered at Loyola University of the South, New Orleans, Louisiana, School of Arts and Sciences, November, 1977.

<u>Certifications:</u>	1. Tropical Agriculture; University of Florida, School of Agriculture	1972
	2. Tropical Forestry; University of Florida, School of Forestry	1986

<u>Publications:</u>	<u>Title</u>	<u>Publisher</u>	<u>Year</u>
A. Agriculture, Scientific, Technical			
1.	"Cattle and Buffalo Production in Vietnam" Dairy Sci. Mimeo Report: DY72-1	Dairy Science Department Univ. of Florida, Gainesville	1972
2.	"Dairying in the Kingdom of Thailand: History, Perspectives and Trends" Dairy Sc. Mimeo Report: DY-1972-3	Dairy Science Department Univ. of Florida, Gainesville	1972
3.	"The Cattle Industry of Belize" reprinted in	Belizean Studies , 4(5): 19 Belize Investment Magazine , IV(12): 8 Belize	1976 1976
4.	"Choosing the Best Bulls For Belize"	Belize investment Magazine , IV(12):	1976
5.	"Parametros Geneticos para Peso Corporal Composicion y Produccion de Leche de um Rebano localizado en Florida"	Asociacion Latinoamericana Produccion Animal (A.L.P.A.) MEMORIA Vol.11:163. Mexico	1976
6.	"The Art of the Carbonaro"	Belizean Studies , 5(6): 20	1977
7.	"The Dairy Industry of Belize, Part I"	Belizean Studies , 6(2): 22	1978
8.	"The Dairy Industry of Belize, Part II"	Belizean Studies , 6(3): 14	1978
9.	"Forestry in Belize, Part I: Beginnings of Modern Forestry and Agriculture, 1921 to 1954"	Belizean Studies , 7(2): 16	1979
10.	"Forestry in Belize, Part II: Modern Times and Transition"	Belizean Studies , 7(3): 13	1979
11.	"The Winged Bean (<u>Psophocarpus tetragonolobus</u>) in Southeast Louisiana"	The Winged Bean Flyer (abstracted) 2(2): 26; Papua New Guinea and 4(1): 11 Laguna, Philippines	1980 1982
12.	"The Winged Bean (<u>Psophoarpus tetragonolobus</u>) in Belize, Central America: Three case Studies (St. Paul's Band, Belize; Santa Elena, Cayo; and San Antonio, Toledo)"	The Winged Bean Flyer (abstracted) 4(1): 36 Laguna, Philippines	1982
13.	"Observacoes Referentes a Perenidade de Feijao-de-asa (<u>Psophocarpus tetragonolobus</u> [L] DC) no Brasil"	Acta Biologic Leopoldensia VII(2): 189-196	1985
14.	"Physio-Genetic Implications of Leaf Curl Disease as Intraorganismal Plasticity of Phenotype in the Winged Bean (<u>Psophocarpus tetragonolobus</u> (L.) DC)"	Brazilian Journal of Genetics IX(4): 615-623	1986
15.	"Growth Response of Papaya (<u>Carica papaya</u> L.) To Various Fertilizers and Soil Conditions On a Mildly Alkaline Entisol Soil in Northeast Brazil"	Acta Biologic Leopoldensia X(1): 19-26	1988
16.	Response of Leucaena (<u>Leucaena leucocephala</u> Benth.) To Two Soil Conditioners on a Mildly Alkaline Entisol Soil in Northeast Brazil"	Acta Biologica Leopoldensia X(1): 27-35	1988

17. "Genetic Aspects of Flower Reversion in the Winged Bean [*Psophocarpus tetragonolobus* (L.) DC]" **Acta Biologica Leopoldensia** XVII(1): 65-72 1995
18. "Interorganismal Morphological Aspects of Flower and Bud Reversion in the Winged Bean (*Psophocarpus tetragonolobus* (L.) DC)" **Acta Biologica Leopoldensia** XXI(1):71-82 1999
19. "Persistence of Anatomic Sections from Reverted Homeotic Segregants of the Winged Bean [*Psophocarpus tetragonolobus* (L.) DC] Under Laboratory Conditions" **Acta Biologica Leopoldensia** XXI(2): 183-193 1999
20. Qualitative Aspects of Extra-Morphological Activity on Anatomic Sections of Reverted Homeotic Segregants of the Winged Bean *Psophocarpus tetragonolobus* (L.) DC Under Laboratory Conditions" **Acta Biologica Leopoldensia** XXII(2): 289-299 2000
21. "Meristem Identity on Anatomic Sections of Reverted Homeotic Segregants of the Winged Bean *Psophocarpus tetragonolobus* (L.) DC Under Laboratory Conditions" **Acta Biologica Leopoldensia** XXIII(1): 111-121 2001
22. Permutatuon of ground state phylloid buds and flowers from a peleobotanically reverted recombinant of *Psophocarpus* **Res & Rev in Biosci** 6:221-230 2012
- Benya & Paulo G. Windish
23. "A phylloid ground state of reverted floral specimens of *Psophocarpus tetragonolobus* (L) DC (Fabaceae): cancelled floral meristem and continued floral organ identity" **Flora** 202(6):437-446 2007
- Benya, Leal-Zanchet, Santos, Hauser & Erdtmann
24. "Chromosome polymorphism and Complements in populations of *Girardia* Species (Platyhelminthes, Tricadida, Paludicola) from Southern Brazil" **Braz J. Biol.** 67 (4. Suppl): 951-955. 2007
- Benya, Leal-Zanchet & Hauser
25. "Polyploidy as a chromosomal component of stochastic noise: variable scalar multiples of the diploid chromosome complement in the invertebrate species *Girardia schubarti* from Brazil" **Braz J. Biol.** 77 (4): 745-751 2017
- B. Letters
1. "World Hunger: Other Perceptions" **America** 138(24): 498 1978
2. "Vietnam In Retrospect" **America** 139(12): 253 1978
3. "In Defense of the Winged Bean" **Brukdown** (Belize) (5): 18 1979

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4. "Tree Crops" **BioScience** 30(1): 5 1980
5. "Saving Tropical Forests" **BioScience** 30(11): 724 1980
- C. General Articles
 1. "Aiding the Apostolic Layman in Thailand" **The Jesuit** (New Orleans edition) 52(4): 4 1977
 2. "Milpa Farming in Central America: Some Spiritual Aspects" **The Jesuit** (National edition) 55: 18 1980