

# Curriculum Vitae Europass

# **Personal Information**

Name(i) / Surname(i)

**TOBECHI ANYADIKE** 

Address(i)

C/O School of Aerospace Engineering, Sapienza Università di Roma, Via Salaria, 851-881, 00138 Roma (RM), Italia.

Telephone

+35

E-mail

tiaen@yahoo.com; dontobechi@gmail.com

Citizenship

**NIGERIAN** 

Date of Birth

Place of Birth: Ofekata Orodo, Mbaitoli L.G.A., Imo State – Nigeria.

Sex

Male

Occupation/ Professional Sector

Teaching project: "Science communication techniques applied to the aerospace field" for the School of Aerospace Engineering, University of Rome "La Sapienza."

University Teaching; Clergy – Priest of the Roman Catholic Church

# **Professional Experience**

Dates(from-to) Employer

**Employer** 

**Employer** 

Dates(from-to)
Principal activities

**Employer** 

Principal activities

**Employer** 

> Sub-Editor (Sud-Redattore), *The Leader Newspaper*, Assumpta Press, Owerri, Nigeria.

1989-1990

Catholic Diocese of Owerri, Nigeria.

 1995-1997: Manager and Associate Editor – (Assumpta Press and The Leader Newspaper)
 Catholic Archdiocese of Owerri, Nigeria.

From October 2005, Director of Assumpta Science Center Ofekata – Owerri (ASCO) International Initiative of University and Youth Cooperation with Africa in Informal Science Learning Activities for Sustainable Development, promoted by then Pontifical Council for Culture in collaboration with other institutions such as Sapienza University of Rome, Federal Government of Nigeria, etc.

PONTIFICAL COUNCIL FOR CULTURE; NON-PROFIT AND NON-GOVERNMENTAL ASSOCIATION 'ASSUMPTA SCIENCE CENTER OFEKATA – OWERRI (ASCO)'; FEDERAL MINISTRY FOR SCIENCE, TECHNOLOGY AND INNOVATION (FMSTI) OF THE FEDERAL GOVERNMENT OF NIGERIA

#### OCTOBER 2005 -

Direction and Coordination of the International 'ASCO' Initiative on behalf of the Pontifical Council for Culture of the Holy See (Vatican), now called the Dicastery for Culture and Education (DCE).).

From 2006 - 2015, Vice University Chaplain at the Faculty of Engineering, Sapienza University of Rome.

Then Office for University Pastoral Care (Campus Ministry) (now Office for Culture & University), Vicariate of Rome.

Mobilization, Science and Faith Dialogue Activities, Conferences, Seminars, Workshops, Science Communication.

- From 2006 , University Chaplain responsible for l'Africa, Servizio Universitario Africano (SUA), (African University Service (AUS), Roma.
  Then Office for University Pastoral Care, Vicariate of Rome and/in collaboration with Commission for University Pastoral Care, of the Simposium of Episcopal Conferences of Africa and Madagascar (SECAM)
- From 2016 teaches Science Communication in the Seminar 'Advanced Topics in Aerospace Engineering, at the School of Aerospace Engineering, Sapienza University of Rome.
- 2009, together with members, partners and collaborators in the ASCO International Initiative, was the principal organizer of the 1st ASCO International Science Festival in Owerri, Nigeria, then the first science festival in sub-Saharan West Africa.
- From 2017, is the organizer of the ASCO Christmas Science Lecture Series Public Lectures on Science and Technology in Nigeria and now international with Zoom.
- From 2021, is the organizer of the very successful ASCO Gallarate Hands-on STEM Learning Online Training Workshop for Teachers in Africa. This year 2024, the ASCO Gallarate 2024 Hands-on STEM Learning Online Training Workshop for Teachers in Africa, held from Monday, April 15 to Friday, April 19. It was organized in collaboration with the Secondary Education Management Borad (SEMB) of the Ministry of Education of the Government of Imo State in Nigeria. It recorded the enthusiastic and active participation of more than 200 science and technology subject teachers from all over the various Zones of Imo State, according to the Executive Secretary of SEMB.

In 2022, organized and carried out an ASCO International Summit in Rome, with physical attendance and participation of delegates from various countries (about 7) including the United States of America (California, Louisiana, Atlanta, Colorado, Washington D.C.), Switzerland, Germany, Nigeria, Kenya, Liberia, United Kingdom, etc. The Summit also had the participation of Kathy Leuders, Director of NASA, and Senator from Louisiana, the Nigerian Ambassador to the Holy See as well as Ambassadors from various other African countries to the Holy See.

**Education and training** 

I was a student up to the second year of Chemical Engineering, Department of Chemical Engineering, Faculty of Engineering, university "la sapienza di ROMA" (2001 - 2007)

1. Graduate in Philosophy (Baccalaureate in Philosophy ((1989), Urbanian University, Rome);

Duration: From October 1985 - 1989.

2. Baccalaureate in Theology ((1994), Urbanian University, Rome);

Duration: From October 1990 - 1994.

3. Licentiate in Social Communication and Missiology ((2000), Pontifical Gregorian University);

Duration: From April 1997 - 2000

Masters in Science Communication ((2004), SISSA, Trieste);

Duration: From 2001 - 2004.

5. Doctorate in Social Communication and Missiology ((2005), Pontifical Gregorian University).

Duration: From 2001 - 2005.

(PhD and Masters courses were agreed upon by the two directors to allow them to be taken in alternate weeks).

**Productions** 

Published 2 papers in international journals, 1 chapter each in 2 scientific books, 2 presentations published in 2 conference proceedings. He has organized 2 International Summits, 1 International Scientific Conference Session, 4 International Scientific Workshops, and 7 International Scientific Conferences (Lectures). He also presented more than 30 communications at congresses, conferences and workshops, 6 of which are listed below; and inspired 1 scientific book.

#### Productions also include:

- News reports in print and electronic media;
- Articles and features in newspapers and magazines, Editorials in The Leader newspaper;
- Publications of 9 editions of the Leader newspaper in 1995, 4 editions in 1996.

# Personal skills and competencies

GOOD ORGANIZATIONAL SKILLS, RIGOR, AND LOVE OF WORK

Mother Tongue(s) Lingua Franca *IGBO* ENGLISH

Other(s) language(s) Self-Assessment ITALIAN, GERMAN & FRENCH

Comprehension	Spoken	Written

#### Oral Production Listening Reading Conversational European Level (\*) interaction **GERMAN & FRENCH** GOOD **GOOD** GOOD GOOD GOOD Italian **EXCELLENT** Very Good GOOD GOOD GOOD (\*) Common European Framework of Reference for Languages. GOOD ORGANIZER. EASY ACCLIMATIZATION TO THE PLACE WHERE ONE LIVES AND EASY Social skills and competences INTEGRATION INTO THE WORLD OF WORK

Organizational skills and abilities

I HAVE BEEN RESPONSIBLE FOR ASCO AND SUA (Servizio Universitario Africano) (African

University Service), Rome, FOR YEARS.

Technical skills and competences

GOOD ASSISTANT FOR THOSE WHO NEED IT

Computer skills and expertise

Use of WORD, INTERNET, POWER POINT, EMAIL.

Artistic skills and abilities

Choral singing skills and good preaching abilities

Other skills and abilities

GOOD ORGANIZATIONAL SKILLS, RIGOR IN WORK

**Driving Licence** 

YES (NIGERIAN)

**ATTACHMENTS** 

List of Productions

DATA SHOULD BE USED IN ACCORDANCE WITH CURRENT REGULATIONS.

DATE: 01/05/2024 SIGNATURE Tobechi ANYADIKE

#### **List of Productions:**

#### 1) Published Chapters in 2 Books

i) Anyadike, T., (2019),

'THE ASSUMPTA SCIENCE CENTER OFEKATA – OWERRI (ASCO) INITIATIVE FOR AFRICA – An Overview', in Richmond Duru (Ed.), AMARACHI Vol. 2: The Marvels of Grace, Divine Favour Publishers, Owerri – Nigeria. Pp. 318 – 347.

ii) Anyadike, T.E., (2017)

'The Assumpta Science Center Ofekata—Owerri (ASCO): An Initiative of International University Cooperation with Africa in Informal Science Learning Activities for Sustainable Development' in Antonio M. Battro, Pierre Léna, Marcelo Sánchez Sorondo, Joachim von Braun (Editors), Children and Sustainable Development: Ecological Education in a Globalized World, Part II How Could Education Evolve in a Diversity of Contexts?, Springer International Publishing AG, Switzerland. pp. 185ff. https://doi.org/10.1007/978-3-319-47130-3 15

# 2) Published articles in Reviewed Journals:

i) Anyadike T.I., (2007)

'Science, Religion and Mass Media: Religious Elements in Science Communication Contents in the Media and their Relevance for Contemporary Missionary Communication', in Pontificio Consiglio della Cultura, DOCUMENTA, No.1, January 2007, Rome.pp.92ff.

# Accepted & approved for coming publication:

ii) Anyadike, T., (Sept. 2024),

'The Assumpta Science Center Ofekata – Owerri (ASCO) – A Case Study of the Pedagogical insights of Laudato Si (LS) (2015) and Fratelli Tutti (FT) (2020), for Effective integral Science learning with 'head, heart and hands together', in Scholas Occurrentes, (Daniel Stigliano, (Editor)) 'Cultori dell'Incontro Journak', No. 5, September 2024.

### 3) Published Presentations on Published Conference Proceedings:

i) Anyadike T., (2016),

'Assumpta Science Center Ofekata – Owerri (ASCO) Initiative for Africa: Using Pope Francis' trademark simplicity to bring science to the doorsteps of all.' In Scholas Occurrentes, 'Tra l'Università e la Scuola, un muro o un ponte': Seminario di riflessione e dibattito tra gli esperti delle Cattedre Scholas, Città del Vaticano, 27 al 29 maggio de 2016, Università di Roma LUMSA, Roma. pp.42ff.

https://eis.lumsa.it/sites/default/files/eis/img/ITALIANO%20%20Dossier%20Seminario%20Scholas%20Occurrentes 0. pdf

ii) Anyadike, T., et al., (2013), Session Intervention 'L'IMPATTO DELLE ATTIVITÀ DELL'ASSUMPTA SCIENCE CENTER OWERRI (ASCO) SULLO SVILUPPO DELLE COMPETENZE SCIENTIFICHE IN AFRICA E SULL'APPREZZAMENTO PUBBLICO DELLA SCIENZA. UN'INIZIATIVA DI COOPERAZIONE UNIVERSITARIA INTERNAZIONALE NELLA COMUNICAZIONE DELLA SCIENZA PER LO SVILUPPO SOSTENIBILE' in 'La ricerca si fa in classe. Metodologie partecipative sulla scienza nel percorso di studenti e docenti', XI CONVEGNO NAZIONALE SULLA COMUNICAZIONE DELLA SCIENZA, 27th June, SISSA, Trieste. p.20. Organizzata da: ICS - Innovations in the Communication of Science SISSA - Trieste & Fondazione Idis -Città della Scienza - Napoli.

https://euresis.org/wp-content/uploads/2013/06/Book-of-abstracts-2013.pdf

# 4) Published Thesis

# i) **Published Doctoral Thesis**

Anyadike T.I., (2006),

Science, Religion and Mass Media. A Study and Discussion of Religious Elements in Science Communication in the Media and Its Relevance for Contemporary Missionary Communication. Pontificia Università Gregoriana (PUG) Publishers, Roma.

https://www.unigre.it/it/docenti/scheda/?id=497

# ii) Thesis for Masters in Science Communication

Anyadike, T.I., (2004),

Religious framing of science contents in the media-A content analysis: the case of Dolly in Corriere della sera, SISSA, Trieste.

https://books.sissa.it/libero/WebOpac.cls?VERSION=2&ACTION=RELATE&RSN=232&DATA=DLS&TOKEN=XKDp PD93YC9145&Z=1&TERM=%27070%27&KEY=ku&TYPE=CL

# 5) Presentation at Conferences

i) Anyadike T., (2016),

'Assumpta Science Center Ofekata – Owerri (ASCO) Initiative for Africa: Using Pope Francis' trademark simplicity to bring science to the doorsteps of all.' In Scholas Occurrentes, 'Tra l'Università e la Scuola, un muro o un ponte': Seminario di riflessione e dibattito tra gli esperti delle Cattedre Scholas, Città del Vaticano, 27 al 29 maggio de 2016, Università di Roma LUMSA, Roma.

https://eis.lumsa.it/sites/default/files/eis/img/ITALIANO%20%20Dossier%20Seminario%20Scholas%20Occurre ntes 0.pdf

ii) Anyadike T., et al., (2016),

'ASCO Initiative of International University Cooperation in Africa in Informal Science Learning: Meeting the Needs of youth by bringing Science closer to home contexts', in Session 3, Panel 2 – Developing skills in the informal sector, the key factor for economic growth and Employment', Tuesday, 23rd February, 1er Forum Africain des Sciences et

des Technologies (1st African Forum on Sciences and Technologies for Development (FASTDEV)): Youth employment: The necessary co-construction of teaching-training programs and enterprises, organized by GID (Groupe interacadémique pour le développement) of the French Academy of Sciences, 2016, Dakar, Senegal.

http://g-i-d.org/fr/zone-euro-subsaharienne/fastdev/les-conferences-fastdev/1er-conference-gid-fastdev

iii) Anyadike T., (2015),

'Testimonies and good practices: The Assumpta Science Center in Owerri' in Workshop on 'Children and Sustainable Development: A Challenge for Education' | 13-15 November 2015, organized by the Pontifical Academy of Science (PAS), Vatican City. https://www.pas.va/en/publications/extra-series/es42pas/tobechi.html

iv) Anyadike T., & Ronen Mir, R.,

(Session Leaders), (October, 2013)

Conference Session 1688 'The Assumpta Science Center Ofekata – Owerri (ASCO) International Initiative', in Conference Session 'Is Africa the New Frontier for Developing the Field?', October 20, 2013, Annual Conference of Association of Science & Technology Centers (ASTC), 2013, Albuquerque, NM, U.S.A. Organized by ASTC, U.S.A.

v) Anyadike, T., et al., (2013),

Session Intervention 'L'IMPATTO DELLE ATTIVITÀ DELL'ASSUMPTA SCIENCE CENTER OWERRI (ASCO) SULLO SVILUPPO DELLE COMPETENZE SCIENTIFICHE IN AFRICA E SULL'APPREZZAMENTO PUBBLICO DELLA SCIENZA. UN'INIZIATIVA DI COOPERAZIONE UNIVERSITARIA INTERNAZIONALE NELLA COMUNICAZIONE DELLA SCIENZA PER LO SVILUPPO SOSTENIBILE' in *La ricerca si fa in classe. Metodologie partecipative sulla scienza nel percorso di studenti e docenti, XI CONVEGNO NAZIONALE SULLA COMUNICAZIONE DELLA SCIENZA, 27th June, SISSA,* Trieste. Organizzata da: ICS - Innovations in the Communication of Science SISSA – Trieste & Fondazione Idis - Città della Scienza – Napoli.

https://euresis.org/wp-content/uploads/2013/06/Book-of abstracts-2013.pdf

vi) Anyadike T., (2013),

Session Intervention in 'THE COMPLEXITY OF NATURE AND ITS GOVERNING LOGICS, "SAPIENZA" UNIVERSITÀ DI ROMA, San Pietro in Vincoli, International Symposium of University Lecturers, Rome, 20th – 22nd June, 2013. Organized by the Office for University Pastoral Care, Vicariate of Rome.

https://lumsa.it/sites/default/files/eventi/2013/X\_simposio\_internazionale\_dei\_Docenti\_universitari\_20-22\_giugno\_2013.pdf

#### 6) Organized Summits, Conferences, Conference Sessions, Lectures, Workshops

#### 6.1) Summits

i) *Sept. 2022* 

#### **ASCO INTERNATIONAL SUMMIT**

Under the auspices of the Vatican Pontifical Council for Culture – 'Dicastery for Culture & Education' with a view to intellectual charity, ROME, 5 - 9 September 2022, Scuola di Ingegneria Aerospaziale, Sapienza Università di Roma.

Theme: 'Global Fraternity and Solidarity among Young People in Faith, Science and Culture in the vision of the Encyclicals Fratelli Tutti (FT) and Laudato Si.' International Summit of the Assumpta Science Center Ofekata – Owerri (ASCO) International Initiative, in collaboration with the Pontifical Foundation 'Scholas Occurrentes' & Servizio Universitario Africano (SUA), Roma. With over 70 delegate participants from various countries, and participation in Papal Audience with the Holy Father Pope Francis at the Vatican.

# ii) Oct. 2023 ASCO Mini-Summit

International Mini-Summit of the Assumpta Science Centre Ofekata- Owerri (Nigeria) International Initiative, 19. – 22. Oktober 2023 in Basel, Switzerland. Organized with

ASCO Schweiz Verein (the Swiss Unit of the ASCO Initiative). Delegates from various countries, including Italy, Nigeria, Kenya, Spain, Germany and host Country, Switzerland.

# 6.2) Conferences & Conference Sessions

i) Anyadike T., & Ronen Mir, R., (Session Leaders), (October, 2013):

Conference Session 1688 'The Assumpta Science Center Ofekata – Owerri (ASCO)
International Initiative', in Conference Session 'Is Africa the New Frontier for
Developing the Field?', October 20, 2013, Association of Science & Technology Centers
(ASTC), 2013 Annual Conference, Albuquerque Albuquerque, NM, U.S.A.

# 6.3) Workshops

i) From 2021 onwards:

Has organized the very successful annual **ASCO – Gallarate Hands-on STEM Learning Online Training Workshop for Teachers in Africa,** with **technical Partners** from the **Liceo Scientifico, Leonardo da Vinci, Gallarate, Italy.** 

The 2024 ASCO - Gallarate 2024 Hands-on STEM Learning Online Training Workshop for Teachers in Africa, organized in collaboration with the Secondary Education Management Borad (SEMB) of the Imo State Government Ministry for Education in Nigeria, held from Monday 15th April to Friday 19th April. Recorded enthusiastic participation of more than 200 science teachers from all the various zones of Imo State, as the Executive Secretary (ES) of SEMB reported.

# 6.4) Lectures:

From 2017 onwards:

Has organized the very Successful International ASCO Christmas Science Lecture Series, organized with the main Branch of the ASCO Initiative in Nigeria, in Collaboration with the *Imo State Branch of Science Teachers Association of Nigeria (STAN)* and *Secondary Education Management Board (SEMB)*.

# i) The 2017 Maiden Edition:

Topic: "Harnessing Chemistry Potentials For The Challenges Of Power Instability In Nigeria: WHAT YOUNG PEOPLE CAN DO WITH BIOMAS".

Guest Lecturer: Engr. Prof. Okechukwu UKWUOMA

(Professor of Chemical Engineering and Project Management Technology at Federal University of Technology Owerri (FUTO); then Director General, National Center for Technology Management (NACETEM), Federal Ministry of Science and Technology, (FMST) Abuja).

Date: Thursday, 28th December 2017.

Venue: Bishops' Conference Hall, Assumpta Pastoral Center, 160 Whetheral Road, Owerri Imo State, Nigeria.

Over **50** participants.

# ii) 2018 Edition:

Topic: 'Exploiting Agriculture for Youth Empowerment'

Guest Lecturer: Prof. Placid C. NJOKU

(Professor of Animal Science) of the Nigerian Institute of Animal Science, Pioneer Vice-Chancellor, Michael Okpara Federal University of Agriculture Umudike - Umuahia, & Former Director, National Universities Commission (NUC) Abuja. Later Deputy Governor of Imo State Nigeria, 2020 – 2024).

Date: 28th December, 2018.

Venue: ASCO Chemistry Pavilion built by (FMST) in collaboration with the Vatican Dicastery for Culture & Education (DCE), at the ASCO Permanent Site in Ofekata—Orodo, Mbaitoli L.G.A., Imo State, Nigeria. 1st event inside then newly built and commissioned ASCO Chemistry Pavilion, built by FMST and Hon. FMST Minister Dr. Ogbonnaya Onu. Over **150** participants.

#### iii) 2019 Edition:

Topic: 'Fostering Science and Technology Development in Africa through intense and interactive Science Communication'

Guest Lecturer: Prof. Chinedu NEBO

(Former Vice-Chancellor, University of Nigeria Nsukka, and former Honourable Federal Minister of Power. Eminent promoter of the drive for a sound science and technology (ST) base and application in Nigeria and Africa).

Venue: ASCO Chemistry Pavilion at ASCO Permanent Site in Ofekata–Orodo, Mbaitoli L.G.A., Imo State, Nigeria.

Over **400** participants.

# iv) 2020 Edition

In Hybrid format (physical & Virtual):

Topic: Fostering Science and Technology Education in Africa In and Outside School to Enhance Productivity, Work and Wealth Creation from Local Resources'

Guest Lecturer: Prof. Anthony Odera UNAMMA

(Professor of Physical Science Education) Imo State University and Dean of Faculty of Education Imo State University).

Date: Monday, 28th December, 2020.

Venue: ASCO Chemistry Pavilion at ASCO Permanent Site in Ofekata–Orodo, Mbaitoli L.G.A., Imo State, Nigeria.

With official Message of encouragement and support to the ASCO International Initiative from the *President of the Pontifical Academy of Sciences (PAS)*, **Prof Joachim Von Braun**, sent from his *University of Bonn*, *Germany delivered and received at the lecture*. And participation from the *Lykke House*, *Newman's University Center* & *Campus Ministry*, *Atlanta*, *Georgia*, *U.S.A.*, with their Director & Chaplain **Rev. Fr. Mark Urey**.

Over 200 participants.

# vi) 2021 Edition

In Hybrid format (physical & Virtual):

Topic: Hidden Key to Science & Technological Development:

Why Become A Mathematician?

Guest Lecturer: Prof. Markus BRODMANN

(Prof. emeritus of Mathematics, Universität Zürich, Institut für Mathematik, Zürich, Switzerland. President, ASCO Schweiz Verein (ASCO Swiss Branch), Basel, Switzerland).

Date: 28th December, 2021.

Venue: ASCO Chemistry Pavilion at ASCO Permanent Site in Ofekata–Orodo, Mbaitoli L.G.A., Imo State, Nigeria.

Over **80 physical** participants, and participation from the *Lykke House, Newman's University Center* & *Campus Ministry, Atlanta, Georgia, U.S.A., with their Director* & *Chaplain Rev. Fr. Mark Urey.* 

# vii) 2022 Edition

In Hybrid format (physical & Virtual):

Topic: 'PHYSICS - THE BASIC FOUNDATION OF TECHNOLOGICAL DEVELOPMENTS'. Guest Lecturer: Prof. Chidi E. AKUJOR,

(FAS, Dip (Specola Vaticana), of the Federal University of Technology Owerri (FUTO), and Academic Secretary (Physical Sciences) of the Nigerian Academy of Science).

Date: Thursday, 15th December, 2022

Venue: ASCO Chemistry Pavilion at ASCO Permanent Site in Ofekata–Orodo, Mbaitoli L.G.A., Imo State, Nigeria.

Over 60 participants.

#### viii) 2023 Edition

In Hybrid format (physical & Virtual):

Topic: 'CLIMATE CHANGE AS A CHALLENGE TO THE FUTURE OF MANKIND'.
Guest Lecturer: DR. Anthony ANUFOROM,

(PhD, FASN, FRAES, former Director-General, Nigeria Metrological Agency).

Date: Friday, 15th December, 2023,

Venue: ASCO Chemistry Pavilion at ASCO Permanent Site in Ofekata-Orodo, Mbaitoli

*L.G.A., Imo State, Nigeria.*About **400** participants.

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Others:

i) Anyadike, T., (2021),

'ASCO - SCUOLA DI SOLIDARIETA INTERNAZIONALE', in CONFERENZA EPISCOPALE ITALIANA, Ufficio nazionale per l'educazione, la scuola e l'università, 'Solidarietà con l'Africa e dialogo tra scienza e fede',

https://educazione.chiesacattolica.it/solidarieta-con-lafrica-e-dialogo-tra-scienza-e-fede/ 1/3

# **ASCO Inspired Published Books on Activities of the ASCO Initiative**

i) Anne-Marie Bruyas & Michaela Riccio, Fondazione IDIS-Città della Scienza, (2012),

Science Centres and Science Events - A Science Communication Handbook, Springer Verlag, Switzerland.