

**Anoka O. Cyril**  
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## **EDUCATION**

- Ph.D. (2005) Physics (High Energy Physics) Oklahoma State University, Stillwater, USA
- ICTP Diploma (1999) High Energy Physics, International Center for Theoretical Physics, Trieste, Italy
- M.S (1998) in Physics, University of Ibadan, Ibadan, Nigeria
- B.Sc. (1995) Engineering Physics Obafemi Awolowo University, Nigeria

## **WORK EXPERIENCE**

- **Chairman, Natural Sciences, HCCS, August, 2021- Present**
- **Associate Chair, Natural Sciences, HCCS, March 2019-August 2021**
- Professor of Physics, Houston Community College, 2005 - Present
- Physics Instructor, School of Health Care Profession, Teach Physics Classes, 2012-2013
- Professor of Physics, North Harris College, 2005 -2012
- Teaching Assistant, Department of Physics, OSU (1999–2005) Theoretical High Energy Physics
- Research Assistant, Department of Physics, OSU (1999–2005) Theoretical High Energy Physics

## **SCHOLARSHIP AND AWARDS**

- Outstanding Physics Research Award, April 2005, Physics Department, Oklahoma State University, Stillwater, USA
- TASI Scholarship, summer 2004, Boulder, Colorado, USA
- Outstanding Physics Student Scholarship, 1994–1995 academic year, OAU, Nigeria

## **PUBLICATIONS**

- SU (2) Family Symmetry at TeV Scale (hep-ph/0512333, 2005)
- Anomaly Mediated Supersymmetry Breaking and Non Standard Neutrino Oscillations (UMI-31-79562, 2005 PhD Thesis)

- TeV – Scale Horizontal Symmetry and the Slepton Mass Problems of Anomaly Mediation (Nucl. Phys. B 686: 135- 154, 2004)
- Constraining  $Z'$  from Supersymmetry Breaking (Nucl. Phys. B 687: 3- 30, 2004)
- Enhanced CP Violation in Neutrino Oscillations from Nonstandard Physics (OSU-HEP-05-12, December 2004)

## PROFESSIONAL MEMBERSHIPS/SOCIETY/ OTHER ACTIVITIES

- Member American Physical Society
- Member Phi Kappa Phi

## POSITIONS HELD

- Secretary, Physics and Engineering Students Association, OAU 1992/93
- Secretary General, National Association of Physics Students, Nigeria 1993/94
- President, African Students Association, Oklahoma State University 2001/2002
- Project Committee Director, Ndokwa Association in America 2010/2011
- President, Ndokwa Association in America, Houston Chapter 2013-2016
- Scholarship Director, Ndokwa Association in America, 2016-Present

## CONFERENCE TALKS

- PHENO 2005, May, 2005, University of Wisconsin, Madison Title: SUSY Spectrum in AMSB without Tachyonic Sleptons
- TASI 2004, June 2004, University of Colorado, Boulder Title: Tachyonic Slepton Mass Problem of Anomaly Mediation
- PHENO 2004, April 27, 2004, University of Wisconsin, Madison Title: TeV scale horizontal symmetry and the slepton mass problem of anomaly mediation
- PHENO 2003, May 5, 2003, University of Wisconsin, Madison Title: Enhanced CP Violation in Neutrino Oscillations from Nonstandard Physics
- PHENO 2002, April 22, 2002, University of Wisconsin, Madison Title: B-L Symmetry and the Tachyonic Slepton Mass Problem of Anomaly Mediation

## SUMMER SCHOOLS AND CONFERENCES ATTENDED

- ANACAPA CONFERENCE, AMHERST COLLEGE, AUGUST 2009
- THE INTERCONNECTION BETWEEN PARTICLE PHYSICS AND COSMOLOGY, Oklahoma Center for High Energy Physics (OCHEP), Norman, Oklahoma, May, 2009

- TASI 2004 Summer School, University of Colorado, Boulder, Colorado, June, 2004
- 2004 Phenomenology symposium, University of Wisconsin, Madison, Wisconsin, April, 2004
- 2003 Phenomenology symposium, University of Wisconsin, Madison, Wisconsin, May, 2003
- 2002 Phenomenology symposium, University of Wisconsin, Madison, Wisconsin, April 2002
- 2000 Summer School on Particle Physics and Cosmology, ICTP, Trieste, Italy, June, 2000
- Conference on Physics Beyond Four Dimensions, ICTP, Trieste, Italy, July 2000

## **SOME KEY ACCOMPLISHMENTS**

- Help with transition from classroom teaching to online teaching during COVID-19 Era.
- Assisted in the determination of tools needed for online Physics Lab during Covid-19 Era.
- Increased the utilization of technology and assessment tools in Physics Labs.
- Responsible for providing clear, focused, and effective leadership for all science areas of Student Services
- Introduce, facilitate, and support creativity and growth within Physics Student Services
- Facilitate the development of an atmosphere of trust, open communication, teamwork, ownership, and pride
- Provide ongoing assessment and evaluation, service, and retention efforts  
Utilize creativity and technology to enhance communication, feedback, services, and responsiveness
- Participated in several committee assignment (hiring and grade appeal committee)
- Maintain a commitment to shared governance and collaborative decision making
- Create an atmosphere that values innovation and encourages technology usage
- Encourage partnerships with community constituents
- Excellent Working relation with my colleagues.

## **REFEREES**

- (i) Kumela Tafa (Ph.D.)  
Professor of Physics  
Chairman, Division of Natural Science  
Houston Community College

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(ii)

Juan Carlos Reina (Ph.D.)  
Professor of physics and Astronomy  
Houston Community College  
E-MAIL: juan.reina@hccs.edu