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PERSONAL INFORMATION	Place (date) of birth: Arochukwu (May 6, 1987); Nationality: Nigerian; Mobile: +23481 6824 8639; Email address: chimere.anabanti@unn.edu.ng
EDUCATION	<ul style="list-style-type: none"> <li>• Birkbeck, University of London (UoL): Ph.D Mathematics 10/2014 – 09/2017</li> <li>• University of Warwick, England: M.Sc Mathematics 10/2012 – 09/2013</li> <li>• <b>AIMS</b>, Cape Town, South Africa: PGD Math. Sci. 08/2011 – 06/2012</li> <li>• University of Nigeria, Nsukka: B.Sc Mathematics (1<sup>st</sup> class) 11/2005–01/2010</li> </ul>
TEACHING EXPERIENCE	<p>Lectureship Position Oct 2017–date Department of Mathematics, University of Nigeria, Nsukka: Teach undergraduate courses in Linear Algebra and Abstract Algebra, a graduate course in Algebra as well as supervise students' theses.</p> <p>Lecturer/Associate Tutor Sept 2015–Sept 2017 Dept. of Economics, Mathematics and Statistics, Birkbeck: Held classes on the Writing Mathematics module as well as the Group Theory module for Masters students in Mathematics. I also invigilated examinations.</p> <p>Assistant Lecturer Jan 2014–Sept 2014 Department of Mathematics, University of Nigeria, Nsukka (UNN): Taught undergraduate courses in Group theory, Ring theory, Galois theory and Differential equations, and supervised undergraduate students' projects.</p> <p>Supervisor/Teaching Assistant Oct 2012–Sept 2013 Institute of Mathematics, University of Warwick: Gave weekly revisions in Algebra, Analysis and Differential Equations courses to first and second year undergraduate mathematics students, and assessed their weekly assignments.</p> <p>Graduate Tutor July 2010–June 2011 Department of Math. Sciences, Olabisi Onabanjo University: Gave tutorials in Mathematics courses to undergraduate students. Also took part in marking the students' examination scripts.</p>
SELECTED AWARDS/ SCHOLARSHIPS	<ul style="list-style-type: none"> <li>• Gilchrist Educational Trust PhD Student Prize: Birkbeck, UoL 2018</li> <li>• Birkbeck (BEI) Anniversary Studentship: University of London 2014–2017</li> <li>• Department of Mathematics Sup Award: University of Warwick 2012/2013</li> <li>• International Office Masters Scholarship: University of Warwick 2012–13</li> <li>• Best Science Inspiration for a hack: Science Hack, South Africa 2012</li> <li>• Postgraduate Diploma Scholarship: AIMS, South Africa 2011–12</li> <li>• Community Development Award: Ijebu North LGA, Ogun State 2011</li> <li>• NYSC Ogun State Honours Award: National Youth Service Corps 2010/11</li> <li>• Undergraduate Scholarship Award: Pet. Tech. Dev. Fund (PTDF) 2006–10</li> </ul>
EDITORIAL POSITION	Language Editor for De Gruyter Open Mathematics June 2016–date
RESEARCH AREAS	<ul style="list-style-type: none"> <li>• Algebraic Combinatorics</li> <li>• Computational Group Theory</li> </ul>

- PAPERS UNDER REVIEW
- On finite groups containing small locally maximal product-free sets, Sept 2017.
  - Three questions of Bertram on locally maximal sum-free sets II, April 2017.
  - Three questions of Bertram on locally maximal sum-free sets, January 2017.
  - A counterexample on a group partitioning problem, November 2016.
  - A characterisation of elementary abelian 3-groups, Nov 2016 (see [this1](#) and [this2](#) for citations of the article).
- ACCEPTED/PUBLISHED JOURNAL ARTICLES
- *On filled soluble groups*, Communications in Algebra, Available online with DOI as <https://doi.org/10.1080/00927872.2018.1459645> (2018).
  - *Groups whose locally maximal product-free sets are complete*, Australas. J. Combin., **71 (3)** (2018), 544–563 (with G. Erskine and S. B. Hart).
  - *On locally maximal product-free sets in 2-groups of coclass 1*, Quasigroups and Related Systems, **24 (2)** (2016), 151–156.
  - *Groups containing small locally maximal product-free sets*, International Journal of Combinatorics, vol. 2016, Article ID 8939182 (2016), 5 pp. (with S. Hart).
  - *On a conjecture of Street and Whitehead on locally maximal product-free sets*, Australasian Journal of Combinatorics, **63 (3)** (2015), 385–398 (with S. Hart).
  - *Classes of minimal words of small lengths in a finitely generated free group*, General Mathematics Notes, **27 (2)** (2015), 1–7.
- BOOK PUBLICATION
- C. S. Anabanti, “The Whitehead algorithm for free groups”, *Grin Verlag GmbH*, ISBN (eBook) 978-3-656-92266-7, ISBN (Book) 978-3-656-92267-4 (2015); available at Abebooks, Amazon, Ebay and a couple of other online stores.
- INVITED TALKS (1 HOUR EACH)
- Warwick Algebra Seminar; University of Warwick, UK: 4 May ’17
  - London Algebra Colloquium; Queen Mary, University of London: 16 Feb ’17
- SELECTED CONFERENCE & SEMINAR PRESENTATIONS
15. PGTC at Cambridge University, UK: 27–30 June 2017  
Finite groups containing locally maximal product-free sets of a given size.
  14. LMS Graduate Students’ Meeting in London: 11 Nov 2016  
Group Partition and Ramsey Numbers.
  13. NMS Conference at FUT Minna: 3–6 May 2016  
On a question of Street and Whitehead on partitioning a group.
  12. Young Mathematicians Colloquium, Birmingham: 20 April 2016  
On minimal sizes of locally maximal sum-free sets.
  11. Poster pres. at the LMS–EMS Mathematical Weekend 18–20 Sept 2015  
Product-free sets in finite groups.
  10. Poster presentation at the LMS 150th Anniversary Midlands regional meeting held at the University of Warwick: 7 July 2015  
On minimal sizes of locally maximal product-free sets.
  9. LMS Graduate Students’ Meeting in London: 3 July 2015  
On a special product-free set property.
  8. PGTC at the University of Bristol, UK: 30 June – 3 July 2015  
On a conjecture of Street and Whitehead on locally maximal product-free sets.
  7. Birkbeck Mathematical Sciences Jamboree: 2 June 2015

- On locally maximal sum-free sets in finite groups.
6. Nigerian Mathematical Society (NMS) Conference: 27–30 May 2014  
Classes of minimal words of small lengths in a finitely generated free group.
  5. London Mathematical Society (LMS) Meeting: 15 Nov 2013  
Consequences of Whitehead algorithm for free groups.
  4. Postgraduate seminar at the University of Warwick: 9 Oct 2013  
Nature of representatives of equivalence classes of minimal words of lengths 2, 3, 4 and 5 in a finitely generated free group.
  3. Postgraduate Group Theory Conference (PGTC), Manchester: 2–4 July 2013  
Characterization of subgroups of a free group.
  2. Postgraduate Seminar at the University of Warwick, England: 19 June 2013  
Free groups as a Mathematics language.
  1. Seminar at the University of Nigeria, Nsukka: 12 Sept 2012  
Connection between Simple Linear Groups of the form  $GL(1, q)$  and Mersenne primes.

CONSULTANCY  $\LaTeX$  trainer:  $\LaTeX$  is a typesetting system. It can be seen naively as a word processor. I am the founder of a group that train researchers on the use of  $\LaTeX$  and programming tools. You can contact my team using [latexclass@gmail.com](mailto:latexclass@gmail.com). [I also serve as an Educational Consultant for a UK firm called [PhD Tutors](#).]

HOBBIES Teaching, research and learning new skills.

PROGRAMMING (i) GAP; (ii) Magma; (iii) Python; (iv) SageMath.

SKILLS

OTHER SKILLS Use of Git (GitHub), Linux (Ubuntu) and  $\LaTeX$ .

- SELECTED LEADERSHIP POSITIONS
- PhD Representative, Mathematics and Statistics PhD students: Birkbeck, University of London. Sept 2015–Sept 2017
  - Assistant Co-ordinator, Elementary Mathematics II course involving over 3000 students: UNN. Jan–June 2014
  - President, National Association of Catholic Corps members (NACC): Ijebu North, Ogun State, Nigeria. Jan–June 2011
  - Provost, National Association of Mathematical Sci. students (NAMS): University of Nigeria, Nsukka. Sept 2006–Aug 2007

REFERENCES Available on request.