Curriculum Vitae
ADEBISI AGBOOLA

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Research Interests:

    Number Theory, Arithmetic Algebraic Geometry.

Regular Faculty Positions:

- UNIVERSITY OF CALIFORNIA, Santa Barbara   (July 2002 – present)
  Professor
- UNIVERSITY OF CALIFORNIA, Santa Barbara   (July 1998 – June 2002)
  Associate Professor
- UNIVERSITY OF CALIFORNIA, Santa Barbara   (July 1995 – June 1998)
  Assistant Professor
- UNIVERSITY OF CALIFORNIA, Berkeley   (July 1992 – June 1995)
  Charles B. Morrey Assistant Professor

Visiting Positions:

- HUMBOLDT UNIVERSITY, Berlin   (Sept. 2009 – Aug. 2010)
  Visitor
- CIRM, UNIVERSITÉ DE MONTREAL, Montreal   (August 2005 – December 2005)
  Visiting Researcher
- HARVARD UNIVERSITY, Cambridge   (Sept. 1999 – August 2000)
  Visiting Scholar
- UNIVERSITÉ DE BORDEAUX I, Bordeaux   (May 1998 – June 1998)
  Professeur Invité
- INSTITUTE HENRI POINCARÉ, Paris   (June – July 1997)
  Member
- INSTITUTE FOR ADVANCED STUDY, Princeton   (Sept. 1995 – August 1996)
  Member
- MATHEMATICAL SCIENCES RESEARCH INSTITUTE, Berkeley   (Sept. 1991 – August 1992)
  Postdoctoral Research Fellow

Education:

- COLUMBIA UNIVERSITY, New York
  Ph.D. in Mathematics   (May 1991)
  Adviser: T. Chinburg

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- COLUMBIA UNIVERSITY, New York
  M.A. in Mathematics   (May 1988)
- UNIVERSITY OF CAMBRIDGE, Cambridge, England
  Certificate of Advanced Study in Mathematics (with Distinction)   (June 1986)
- UNIVERSITY OF CAMBRIDGE, Cambridge, England
  B.A. (Hons.) in Mathematics   (June 1985)

Grants, Honors and Awards:

- NSA Standard Grant, 'Iwasawa theory, p-adic L-functions,
  and Galois modules'   (2011–2013)
- NSA Standard Grant, 'Galois module structure and Iwasawa theory'   (2008–2011)
- NSF Grant Principal Investigator, 'Galois Structure,
  Iwasawa Theory and Arithmetic geometry' (NSF DMS-040139)   (2004–2008)
- NSF Grant Principal Investigator, 'Arithmetic Geometry
  and Galois Module Theory' (NSF DMS-0070449)   (2000–2004)
- NSF Grant Principal Investigator, 'Iwasawa Theory and
  Arithmetic Geometry' (NSF DMS-9700937)   (1997–2001)
- NSF Mathematical Sciences Postdoctoral Fellowship   (1991–1994)

Postdoctoral Scholars Supervised:

- Joongul Lee, 1996–1999.
- Luis Finotti, 2001–2004.
- Jordan Schettler, 2012–2015.
- Zheng Liu, 2019–2020.

Graduate Students Supervised:

- Megan Maguire (M.A. 2012).
- Tsin-Yi (Cindy) Tsang (Ph.D. 2016).

Service:

- Reviewer of NSF and NSA grants.
- Referee for numerous journals.
- Department Colloquium Chair, 2001–02.
- Co-organiser, Arithmetic and Geometry Seminar, 1997–present.
- Departmental Library Liason, 1997–98, 2001–03, 2003–04, 2006–present.
- Member, University Southern Regional Library Facility Committee, 1998–99.
- Member, Departmental Graduate Committee, 1997–98, 2000–01.
- Member, Departmental Undergraduate Committee, 1996–97.
- Member, Departmental Recruitment Committee, 1997–present.
- Member, Departmental CCS Committee, 2001–2011.
- Chair, Departmental CCS Committee, Fall 2006, 2007–2008.
- Member, CCS Executive Committee, Fall 2006, 2007–2008.

- Member, CCS Dean Search Committee, 2016–2017
- Co-organiser, AMS Special Session on 'Arithmetic Geometry', UCSB, April 2005.
- Member, AMS Centennial Fellowship Committee, 2009–2010.
- Member, Departmental Personnel Committee, 2006–07, 2021–2022.
- Departmental MSRI Representative, 2004–present.
- Chair, MSRI External Review Committee, 2013.
- Member, Executive Sub-committee, MSRI Committee of Academic Sponsors, 2018–2021.
- Member, External Review Committee, Harvard University Mathematics Department, 2017.
- Member, Committee of Visitors, NSF Division of Mathematical Sciences, 2017.
- Member, UCSB Graduate Dean Search Committee, 2014.
- Member, UCSB Committee on Privilege and Tenure, 2015–2018.
- Chair, UCSB Committee on Privilege and Tenure, 2016–2018.
- Member, System-wide UC Committee on Privilege and Tenure, 2015–2019.
- Chair, System-wide UC Committee on Privilege and Tenure, 2018–2019.
- UCSB Faculty Pre-Grievance Adviser, 2019–present

Personal Data:

Born August 11, 1964, in Ogbomoso, Nigeria.

U.S. Citizen.

Bibliography:

1. *Abelian varieties and Galois module structure in global fields*, Columbia University Thesis, New York, 1991.

2. *Iwasawa Theory of elliptic curves and Galois module structure*, Duke Math. J., **71**, (1993), 441–462.

3. *Abelian varieties and Galois module structure in global function fields*, Math. Zeit., **217**, (1994), 407–419.

4. *Class invariants of Mordell-Weil groups*, (with M. J. Taylor), J. Reine Agnew Math., **447**, (1994), 23–61.

5. *A geometric description of the class invariant homomorphism*, J. de Th. des Nombres de Bordeaux, **6**, (1994), 273–280.

6. *Torsion points on elliptic curves and Galois module structure*, Invent. Math., **123**, (1996), 105–122.

7. *A note on elliptic curves and Galois module structure in global function fields*, American J. Math., **118**, (1996), 427–438.

8. *On p-adic height pairings and locally free classgroups of Hopf orders*, Math. Proc. Cam. Phil. Soc., **123**, (1998), 447–459.

9. *On the Galois structure of equivariant line bundles on curves*, (with D. Burns), American J. Math., **120**, (1998), 1121–1163.

10. *Line bundles, rational points, and ideal classes*, (with G. Pappas), Math. Res. Letters, **7**, (2000), 709–717.

11. *On primitive and realisable classes*, Compositio Mathematica, **126**, (2001), 113–122.

12. *On arithmetic class invariants*, (with G. Pappas), Math. Annalen, **320**, (2001), 339–365.

13. *Grothendieck groups of vector bundles on schemes over finite fields*, (with D. Burns), K-theory, **23**, (2001), 251–303.

14. *Galois modules and p-adic representations*, preprint.

15. *Twisted forms and relative algebraic K-theory*, (with D. Burns), Proc. London Math. Soc. **92** (2006), 1–28.

16. *Anticyclotomic Iwasawa theory of CM elliptic curves*, (with B. Howard, and with an appendix by K. Rubin), Annales, de L'Institut Fourier **56** (2006), 1001–1048.

17. *Anticyclotomic Iwasawa theory of CM elliptic curves II*, (with B. Howard), Math. Res. Letters **12** (2005), 611–621.

18. *On Rubin's variant of the p-adic Birch and Swinnerton-Dyer Conjecture*, Comp. Math., **143**, (2007), 1374–1398.

19. *On counting rings of integers as Galois modules*, Crelle, **663** (2012), 1–31.

20. *On Rubin's variant of the p-adic Birch and Swinnerton-Dyer conjecture II*, Math. Ann., **349**, (2011), 807–837.

21. *On the relative Galois module structure of rings of integers in tame extensions*, (with L. R. McCulloh), Algebra and Number Theory, **12**, (2018), 1023–1086.

22. *On certain special values of the Katz two-variable p-adic L-function*, preprint.

23. *Arithmetic statistics on relative algebraic K-groups*, preprint.

24. *On the square root of the inverse different*, (with D.Burns, L. Caputo, and Yu Kuang), preprint.

25. *On anticyclotomic variants of the p-adic Birch and Swinnerton Dyer Conjecture*, (with F. Castella), J. de Th. des Nombres de Bordeaux, Iwasawa 2019 Special Issue, to appear.