

Hamidou Keita

Bilkent University, 06800 Ankara, Turkey
(C) +905078251711 (E) hamidou@bilkent.edu.tr



Nationality: Gambian **Date of Birth:** 16th August, 1986

○ Skills

- Organic and Polymer synthesis
- Nanomaterials
- Optoelectronics
- Knowledgeable in NMR, FTIR, UV-VIS, MALDI-TOF/ESI, DLS, SEM, TEM, SEC, GPC, XPS etc.
- Computer proficient
- Proficient in both written and spoken English.

○ Honors and awards

- Certificated on NMR Theory and applications, 2013-Turkish Bruker-Anatek Ltd, Ankara, Turkey.
- MSc. Scholarship award, 2012- Islamic Development Bank, Jeddah, Saudi Arabia.
- Award of outstanding graduating student in Chemistry, 2011- University of The Gambia.
- Certificated on course writing strategies for Open and Distance Learning (ODL), 2011- Commonwealth of Learning (COL), Vancouver, Canada.
- Undergraduate Merit Scholarship Award, 2006- Ministry of Higher Education Research Science and Technology, Republic of The Gambia.

○ Experience

September 2012 - Present

Bilkent University. Ankara, Turkey.

Graduate Research & Teaching Assistant

- Teaching and coordinating Lab sessions at undergraduate level.
- Involved in funded graduate research projects.

Courses taught:

- CHEM 101: Principles of Chemistry I
- CHEM 102: Principles of Chemistry II

February, 2011 - August 2012

University of The Gambia, Brikama.

Graduate Teaching Assistant

- Supervised and taught Experimental Chemistry courses at undergraduate level; adapting to various academic levels and backgrounds.
- Coordinated and graded quizzes, lab reports and exams.

Courses taught:

- Introduction to Chemistry
- Introduction to Inorganic Chemistry
- Introduction to Organic Chemistry

Internship | Aug., 2010-Feb., 2011

Trainee at Royal Victorial Teaching Hospital (RVTH), Banjul, The Gambia.

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Trainee at Medical Research Council (MRC), Fajara, Banjul, The Gambia

- Biochemistry Laboratory
- Clinical Chemistry Laboratory

○ Education

Clemson University | Sept, 2015-Present

- **PhD Student, Chemistry**

Bilkent University | Sept, 2012-2014

- **Master of Science in Chemistry** (Advisor: Donus Tuncel)

Thesis title: [White-emitting conjugated polymer nanoparticles: tuning emission via Förster resonance energy transfer in nanostructures assembled through click reactions](#)

MSc. Courses taken:

- Special topics in Physical Chemistry
- Polymer Chemistry
- Supramolecular Chemistry
- Advanced Organic Chemistry
- Advanced Inorganic Chemistry
- Biomolecules, Biomaterials and Bioprocesses
- Biomedical Materials
- Special topics in Organic Chemistry

GPA: **3.76**

University of The Gambia | 2006-2010

- **Bachelor of Science in Chemistry**
- Graduated *cum laude*
- GPA: **3.732**

○ Publication:

H Keita, B Guzel Turk, J Pennakalathil, T Erdem, HV Demir, D Tuncel, Construction of multi-layered white emitting organic nanoparticles by clicking polymers, Journal of Materials Chemistry C 3 (39), 10277-10284

○ References:

1. **Prof. Roland Pieters;** -Department of Medicinal Chemistry & Chemical Biology, Utrecht Institute for Pharmaceutical Sciences, Utrecht University, The Netherlands. **Email:** r.j.pieters@uu.nl
2. **Prof. Robert L. Opila;** -Departments of Materials Science and Engineering, Chemistry and Biochemistry, Electrical and Computer Engineering, University of Delaware, USA. **Email:** opila@udel.edu