



BOARD REPORT

3 Year Contract for Gezahegn Chaka Professor of Chemistry Full-time Faculty at Collin since 2009

Education

Institution	Degree	Major
Wayne State University	PhD	Analytical Chemistry
Addis Ababa University	MS	Chemistry
Asmara University	BS	Chemistry

Prior Work Experience

Job Title	Organization Name	Date of Employment
Assistant Professor	LSU-Alexandria	2006 - 2009
Postdoctoral Research Associate	Ames Lab, Iowa State University	2005 - 2006
Lecturer	Addis Ababa University	1992 - 2000

Professional Development and Publications

- Authored, a chemistry laboratory experiment "Physical and Chemical Changes" for Introduction to Chemistry I (Chem1405), Spring 2013
- Presided over presentations at 204th Conference of the Two-Year College Chemistry Consortium, McKinney, TX, Spring 2014
- Co-authored, a chemistry laboratory experiment "Determination of Thermodynamic Quantities for a Chemical Reaction" for General Chemistry II (Chem1412), Fall 2013
- Developed, CASMNS (Center for Advanced Studies in Mathematics and Natural Sciences) student research project "Spectrophotometric and Electrochemical Studies of Copper Ion Extraction using Beets Extract (Betanin)," Spring 2014
- Supervised, CASMNS student research poster presentation "Electrochemical Determination of Acetaminophen in Tylenol," Fall 2013
- Attended, 245th American Chemical Society National Meeting and Exposition, New Orleans, LA, Spring 2013
- Attended, Texas Academy of Sciences 117th Annual Meeting, Galveston, TX, Fall 2014
- Supervised, CASMNS student research poster presentation "Selective Extraction of Cu²⁺ in the Presence of Fe³⁺, Co²⁺, and Ni²⁺ Using Ligands in Aqueous Solutions," Fall 2012
- Attended, CASMNS orientations for students, Fall 2012-present
- Attended, CASMNS student presentations, Fall 2012-present

College Service and College-Related Community Service

- Served, District-wide Discipline Lead and Data Coordinator for Chemistry Department, 2012-2014
- Served, Chemistry faculty search committee, Spring 2014
- Participated, new student orientation faculty round table discussion, Summer 2014
- Serve, Weekend College Committee, 2012-present
- Served, Health and Safety Fair Committee, 2012-2013
- Academic Planning Coach, QEP pilot, Fall 2014
- Serve, Teaching and Learning Committee of the Collin College Faculty Council, 2012-present
- Mentor, Chemistry associate faculty, 2012-present
- Volunteer, Chemistry tutoring in the Math Lab, 2012-present
- Volunteered, Annual Day of Science, Spring 2014
- Served, judge for Bowman Science Fair, Bowman Middle School, Fall 2012
- Volunteered, "Need Help? Ask Me!," Fall 2013
- Volunteered, Veteran's Day BBQ, Fall 2013
- Serve, supporting faculty for CASMNS student research, 2012-present
- Participated, Chemistry and Physics associate faculty meeting, Fall 2014