Dear Prospective Graduate Student,

We appreciate your interest in the Department of Chemistry at the University of North Texas. We offer world-class science and education with close-range mentoring by our top-rated faculty and their research team as well as a competitive, incentives-laden compensation system via multiple fellowships and teaching or research assistantships. Details on the department's faculty research projects, resources and infrastructure facilities, distinctions and versatile media highlights, and careers attained by our department alumni are annexed at the bottom of this letter.

If you are interested in applying for Fall 2014, I would suggest that you send us your materials as soon as possible as our positions for Fall 2014 are quickly filling. Otherwise, for full consideration we encourage you to ascertain that your application materials are received in the Department no later than mid-December for Fall admissions.

For your convenience, I would encourage you to download your application materials (transcripts, GRE scores, statement of purpose and CV/resume) onto our website: http://chemistry.unt.edu/graduate-program/prospective-students-application-process. Letters of recommendation on your behalf can be e-mailed directly by your references to us at: chem@unt.edu.

Some quick facts about our department:

OUR UNT-CHEMISTRY FACULTY:

- Represent all traditional areas (analytical, inorganic, organic, and physical chemistry) as well as emerging contemporary areas (materials, computational, and forensics, and biological chemistry).
- One of the largest and strongest computational chemistry programs in the U.S. with multiple award-winning and internationally-recognized faculty members in both method development and applications of computational chemistry in relation to experimental research. Most of our computational faculty have long-standing collaborations with experimental faculty on- and off-campus, including co-supervision of students on combined computational/experimental projects.
- A strong program in materials chemistry (light-emitting, photovoltaic, semiconducting, catalytic, meso- and micro-porous, biological, electronic, and/or nanoscale materials) leading to numerous products ranging from high-impact journal publications, U.S. and international patent applications, and national/international headlines.
- Garnering numerous prestigious national and international awards including multiple National Science Foundation CAREER awards, Air Force Office of Scientific Research awards, American Chemical Society awards, Electrochemical Society awards, Inter-American Photochemical Society awards, IUPAC awards, and more highly competitive awards given to promising young faculty as well as to accomplished faculty members who are well-established in their research fields.
- Are involved in multi-million-dollar research projects including partnerships with industry and national labs.
OUR RECENT RESEARCH:

- Has been highlighted in multiple journal covers; featured in recent ACS and international print and online journals.
- Has been featured in Chemical & Engineering News, the New York Times, Angewandte Highlights, Chemistry and Industry, and over 200 other national/international media outlets.

OUR INSTRUMENTATION INCLUDES:

- Over 2,000 core for computational chemistry research and state-of-the-art server rooms.
- Approximately $30M facilities for advanced materials characterization (at the Center for Advanced Research and Technology, CART) and electronic device fabrication and measurements (at the newly-constructed NanoFabrication Clean Room, NFCR).
- Modern X-ray diffraction and multinuclear NMR instruments with Ph.D. lab managers.
- Spectrophotometry: UV-vis absorption, photoluminescence, circular dichroism, FT-IR, Raman, and FAAS, among others.
- Chromatography: HPLC and GC instruments with MS, FID, and TCD detectors.
- Mass spectrometers with electrospray, nanospray, ICP, and MALDI capabilities.

OUR ALUMNI HAVE HELD POSITIONS INCLUDING:

- Distinguished senior positions in major industrial firms, such as Eli Lilly, Dow Corning, PPG, BP Amoco, and Alcon Labs.
- Faculty positions in colleges and universities in the United States and abroad.
- Research positions in national laboratories.

If we can provide you with additional information, please feel free to reach us at: (940) 565-3554, through e-mail at chem@unt.edu, or through our department’s website: chemistry.unt.edu.

Sincerely,

Mohammad A. Omary
Professor and Chair, Graduate Recruiting Committee

Angela K. Wilson
Regents Professor and Chair, Graduate Affairs Committee

William E. Acree, Jr.
Professor and Department Chair

2/24/14