

DANIELA M. M. IDE

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EDUCATION

Bachelor of Science, May 2007

- Sam Houston State University, Huntsville, TX
Major - Professional Chemistry with Academic Achievement
Minor - Biology

WORK EXPERIENCE

- **Texas A&M University**. August 2009 - May 2010
 - ~ PhD Graduate Research Student
 - ~ Graduate Teaching Assistant
- **University of North Texas**. August 2007 - May 2009
 - ~ PhD Graduate Research Student
 - ~ Graduate Teaching Assistant
- **Sam Houston State University**.
 - ~ Undergraduate Research Student. May 2006 - May 2007
 - ~ Teaching Assistant. August 2003 - May 2007
 - ~ Stockroom Assistant. January 2003 - December 2003

RESEARCH PROJECTS

- **Theoretical computational molecular modeling**
 - ~ Study of fullerene compounds to be used for synthesis and development of organic solar cells
- **Inorganic synthesis and crystallizations**
 - ~ Preparation of copper and gold complexes used in gas sensing devices
- **Organometallic synthesis and crystallizations**
 - ~ Preparation of palladium phosphine complexes for pharmaceutical applications used in breast cancer treatment
 - ❖ Daniela M. Ide, Marie P. Eastlund, Casie L. Jupe and Robert A. Stockland Jr.*. *Microwave Assisted Heterofunctionalization of Alkenes and Alkynes*. *Current Organic Chemistry*, 2008, 12, 1258-1278.
- **Inorganic synthesis and crystallization methods**
 - ~ Preparation of nickel dimers and mononuclear complexes for the development of new materials
 - ❖ Ide, Daniela M. M.; Norman, Richard*. *trans-Diaqua-bis(N,N-dimethyl-ethane-1,2-diamine- k^2N,N')nickel(II) dichloride dihydrate: a redetermination at 90 K*. *Acta Crystallographica: Section E* (Wiley-Blackwell) Feb2007, Vol. 63 Issue 2, pm558-m560.
 - ❖ Poster presentation at 62th Southwest Regional Meeting (SWRM) in Houston, Texas, October 2006. "Synthetic Studies and X-Ray Crystal Structure of *trans*-[Ni(N,N-dmen)₂(H₂O)₂]Cl₂•2H₂O."

INSTRUMENTATION AND SOFTWARE

- AAS, Calorimetry, CE, , CEM and Anton Pear microwaves, Chromatography, Crystallography, ELISA, Enzyme kinetics, FID, FTIR, GC, GC-MSD, Gel electrophoresis, Gel filtration chromatography, HPLC , ICP, ICP-AES, IR, LLS, Molecular modeling, NMR, Southern blot, Spec20, Spectrophotometry, Spectroscopy, TLC, UV-photolizers, UV-Vis, Western blot, and XRD
- MS Office, DataMini, ChemDraw, Mercury, Crystal Maker, LogerPro, SciFinder, Gaussian 03, and Linux.

SCHOLARSHIPS

- The Toulouse School of Graduate Studies. University of North Texas
 - ~ In recognition of PhD Graduate Student Status. August 2007 and August 2008
- Welch Foundation. Sam Houston State University
 - ~ In recognition of summer research. May 2006

LANGUAGES

- English, Spanish, and Portuguese

MEMBERSHIPS

- American Chemical Society, 2008 - present
- J.C. Stallings Chemical Society. Sam Houston State University
 - ~ Vice president, 2007. Historian, 2006

REFERENCES

Agustín Díaz, Ph.D.
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Other references available upon request.