

Curriculum Vitae for Your Name

Department of Chemistry
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University of California at Irvine
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Education

University of California, Irvine, CA.

Doctor of Philosophy in Chemistry

Summer 20XX

Dissertation title. Advisor: Professor Bob Jones

University of Washington, Seattle, WA.

Bachelor of Science in Chemistry

June 20XX

Senior thesis title. Advisor: Professor Larry R. Dalton

Research and Experience

Graduate Research Assistant

20XX-Present

University of California, Irvine, CA.

Developed an improved synthetic strategy for producing lanthanide dinitrogen complexes circumventing the use of highly reactive precursors

- Provided the first examples of diamagnetic lanthanide dinitrogen complexes resulting in the first detailed analytical studies using ^{15}N NMR spectroscopy
- Discovered lanthanide dinitrogen complexes are efficient electron donating systems that can be used as new and strong reductants in f element chemistry
- Synthesized the first examples of Y, La, Gd, Tb, Ho, Er, and Lu dinitrogen complexes providing new options in studying dinitrogen activation and functionalization chemistry
- Collaborated with Hybrid Plastics Incorporation for the synthesis of lanthanide, transition metal, and main group polysilsesquioxane compounds for their evaluation as nanostructured materials for electronics and coatings

Undergraduate Research Assistant

20XX-20XX

University of Washington, Seattle, WA

- Studied the design and synthesis of luminescent Eu and Tb β -diketone complexes for potential materials applications including organic light emitting devices, pressure sensors, and temperature sensors
- Participated in a research experience program with Lumera Corporation in the design and synthesis of new organic dyes in order to evaluate these materials as coatings for electronic and optical devices

Publications

Smith, B. J.; **Li, S.M.**; Diller, F.J. Article name *J. Am. Chem. Soc.* 20XX, 126, 454-455.

Smith, B.J.; **Li, S.M.**; Li, C.; Diller, F.J. Article Name, *Angew. Chem., Int. Ed.* 20XX, 43, 5517-5519.

Smith, B. J.; **Li, S.M.**; Bago, D. B.; Rotti, J. M.; Zimor, S. A.; Moor, E. K.; Diller, F.J. Article Name, *J. Am. Chem. Soc.* **2004**, 126, 14574-14582.

Smith, B. J.; **Li, S.M.** Article Name, *Can. J. Chem.* 20XX, 83, 375-384. *Invited review article commemorating the 40th Anniversary of the discovery of the first dinitrogen complex.*

Smith, B. J.; Miller, K. A.; **Li, S.M.**; Diller, F.J. Article Name, *Inorg. Chem.* 20XX, 44, 4326-4332.

Smith B. J.; **Li, S.M.**; Johns, M. A.; Diller, F.J.. Article Name, *Organometallics* 20XX, 24, 6393-6397.

Smith B. J.; **Li, S.M.**; Diller F.J. Article Name, *manuscript in preparation*.

Ham, H.; **Li, S.M.**; Smith, B. J.; Schur, I.K.. Article Name, *manuscript in preparation*.

Presentations

Ham, H.; **Li, S.M.**; Smith, B. J.; Schur, R. W. Paper Name. 88th Canadian Society for Chemistry Conference, Saskatoon, SK Canada, May 28-June 1, 20XX.

Li, S.M., Diller, F.J., Smith, B. J. Paper Name. Abstracts of Papers, 229th ACS National Meeting, San Diego, CA, United States, March 13-17, 20XX.

Jones, D.B., **Li, S.M.**, Diller, F.J., Smith, B. J. Paper Name. Abstracts of Papers, 229th ACS National Meeting, San Diego, CA, United States, March 13-17, 20XX.

Li, S.M.; Diller, J. W.; Smith, B. J. Paper Name Abstracts of Papers, 227th ACS National Meeting, Anaheim, CA, United States, March 28-April 1, 20XX.

Phelan, G. D.; Carlson, B; Purvis, L. J., II; **L, S.M.**; Jiang, X.; Jen, A. K.Y.; Dalton, L. R. Paper Name Abstracts of Papers, 223rd ACS National Meeting, Orlando, FL, United States, April 7-11, 20XX.

Fallan, G. D.; Jarvis, L. J.; **Li, S.M.**; Londen, T.; Huang, D.; Elton, L. R. Paper Name Abstracts of Papers, 222nd ACS National Meeting, Chicago, IL, United States, August 26-30, 20XX.

Li, S.M.; Fallan, G. D.; Jarvis L. J. Paper Name. ACS Northwest Regional Meeting, Seattle, WA, United States, June 14-17, 20XX.

Jarvis, L. J., Fallan, G. D., **Li, S.M.**. Paper Name. ACS Northwest Regional Meeting, Seattle, WA. United States, June 14-17, 20XX.

Teaching Assistant

20XX-Present

University of California, Irvine, CA

- Researched, tested, and implemented new chemistry experiments as part of a developmental program for undergraduate general chemistry labs
- Served as a teaching assistant for general chemistry, upper level inorganic laboratories, and graduate level organometallic chemistry
- Mentored an undergraduate student in the UCI sponsored Summer Undergraduate Research Program resulting in the publication of research results in an international chemical journal

Honors, Awards and Affiliations

- ARCS Fellow (Orange County Chapter)
- UCI Chemistry Department Fellowship Award for Summer 20XX
- University of California Regents Dissertation Fellowship Award Recipient
- American Chemical Society Member

References

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