

Curriculum Vitae

Xin Wu

Born: July 30, 1982 in Zhengzhou, People's Republic of China

Address: State Key Laboratory of Physical Chemistry of Solid Surface
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EDUCATION

M.S. Candidate in Physical Chemistry

**2005 –
present**

Xiamen University, Xiamen, China.
Supervisor: Professor Xin Lu

B.S. in Chemistry

**2001-
2005**

Xiamen University, Xiamen, China.
Thesis: "The Electronic Structures of Uranium Hydrides"
Supervisor: Professor Xin Lu

High School Diploma

**1996 –
2001**

Zhengzhou No. 2 Middle School

AWARDS

Kan Kah Kee Scholarship, Xiamen University

2007

First Class Prize

2004

The 4th National Experimental Chemistry Competition for College Students,
Research Center of Higher School Chemical Education.

Second Class Prize

2001

The 2nd Experimental Chemistry Competition, Xiamen University.

Second Class Prize

2001

National Chemistry Competition for High School Students,
Chinese Chemical Society.

First Class Prize (1st out of 20,000 competitors)

2000

National chemistry Competition for High School Students,
He'nan Province.

Second Class Prize

1999

National chemistry Competition for High School Students,
He'nan Province.

TEACHING EXPERIENCE

Teaching Assistant – to Professor Yanping Ren in "Comprehensive
Experimental Chemistry."

2006

RESEARCH EXPERIENCE

Theoretical Investigations of Novel Fullerenes and The Derivatives

2004 -
present

Xiamen University, Xiamen, China.
Supervisor: Professor Xin Lu.

Syntheses of Low Dimensional Nanomaterials

2001 –
2003

Xiamen University, Xiamen, China.
Supervisor: Professor Lan-sun Zheng and Professor Su-yuan Xie.

PUBLICATIONS

1. Shi, Z.-Q.; **Wu, X.**; Wang, C.-R.; Lu, X.; Shinohara, H. **Isolation and Characterization of $\text{Sc}_2\text{C}_2@\text{C}_{68}$: the Smallest Metal-Carbide Endohedral Fullerene** *Angew. Chem.* **118** (2006) 2161-2165; *Angew. Chem. Int. Ed.*, **45** (2006) 2107-2111.
2. **Wu, X.**; Lu, X. **Dimetalloendofullerene $\text{U}_2@\text{C}_{60}$ Has a U-U Multiple Bond Consisting of Sixfold One-Electron-Two-Center Bonds** *J. Am. Chem. Soc.* **129** (2007) 2171-2177.
3. **Wu, X.**; Lu, X.; Tan, K.; Zhang, Q.-E. **Structures and Electronic Properties of $\text{M}_2\text{C}_2@\text{C}_{78}$ (M=Ti, Zr, Hf): A Density Functional Theory Study** *J. Nanosci. Nanotechnol.* **7** (2007) 1346-1352.

INVITED PRESENTATIONS

1. *Metal-metal Interactions in Endohedral Metallofullerenes*, 25th Chinese Chemical Society Congress, Changchun, China, July 11-15, 2006.

COMPUTER PROGRAMS

1. GRF: A **G**enerator of **R**equired **F**ullerenes.
2. The Fullerene Library.

LANGUAGES

- Chinese – native language
- English – speak fluently and read/write with high proficiency

MEMBERSHIPS

- Chinese Chemical Society

REFERENCES

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