

## **DA WANG**

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Phone: (509) 715-7780

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### **EDUCATION**

Ph.D, Geology, Washington State University, Pullman, WA, USA, 2015 - 2018

- Advisor: Dr. Jeff Vervoort

M.S., Geology, Washington State University, Pullman, WA, USA, 2013 - 2015

- Advisor: Dr. Jeff Vervoort

B.S., Geology, China University of Geosciences, Beijing (CUGB), China, 2009 - 2013

### **TEACHING EXPERIENCE**

Introductory Geology, teaching assistant, 2014 - 2018

Oceanography, teaching assistant, 2013

Optical Mineralogy, teaching assistant, 2013

### **AWARDS**

Walter H. and Jeanette Praetorius/Exxon Graduate Fellowship in Geology, 2015 - 2017

Walter P. and Allene H. Kleweno Graduate Fellowship in Geology, 2014

Geology Scholarship, CUGB, 2010 - 2013

First prize (top 1%) in National Olympiad in Informatics of China (algorithmic programming contest), 2007

### **SERVICE**

Co-chair of a topical session in GSA Rocky Mountain Section Meeting, 2016

Co-leader of a post-conference field trip, GSA Rocky Mountain Section Meeting, 2016

Laboratory training for visiting scientists, 2015 - present

- Provided technical support for collaborative projects with approximately 20 visiting scholars
- Trained visiting graduate students and professors, in various methods using SC- or MC- ICPMS
- Helped with data reduction and interpretation of isotope data
- Projects mainly focused on laser ablation U-Pb dating and Hf isotopes of zircon, and isotope dilution determination of Rb-Sr, Lu-Hf and Sm-Nd isotopes

### **TECHNICAL SKILLS**

Mass Spectrometry

1. Laser Ablation-(Multi-collector)-Inductively Coupled Plasma Mass Spectrometry

- Laser: Teledyne Analyte Excite 193nm, New Wave 213nm

- MC-ICPMS: Neptune, Neptune Plus, Lu-Hf and Sm-Nd isotopes
- SF-ICPMS: Element2, U-Th-Pb geochronology, trace elements

## 2. Laser Ablation Split Stream Analysis

- U-Pb + Lu-Hf isotopes: zircon, baddeleyite
- U-Pb + Sm-Nd isotopes: monazite, titanite, apatite, allanite, xenotime
- U-Pb + Trace elements: zircon, monazite, titanite, apatite, allanite

## 3. Isotope Dilution MC-ICPMS

- Whole-rock isotopes: Lu-Hf, Sm-Nd, Rb-Sr
- Garnet Lu-Hf and Sm-Nd geochronology

Coding Languages:

C, C++, Python, R, Basic, Pascal

## **PROFESSIONAL ASSOCIATION**

American Geophysical Union

Geological Society of America

Mineralogical Society of America