

## CURRICULUM VITAE

David C. Argento

Graduate Student  
University of Washington  
Earth and Space Sciences, Box 351310  
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### EDUCATION

Worcester Polytechnic Institute Worcester, MA	B.S. in Physics	1991 - 1995
University of Washington Seattle, WA	M.S. in Earth & Space Sciences	2005 - 2009
University of Washington Seattle, WA	Ph.D. in Earth & Space Sciences	2009 - current

### PROFESSIONAL EXPERIENCE

The Boeing Company Radiation Health Protection Administrator	1997 - 1999 Seattle, WA
Lawrence Berkeley National Laboratories Principle Cyclotron Operator	1999 - 2002 Berkeley, CA

### GRANTS & FELLOWSHIPS

GK-12 Fellowship National Science Foundation (NSF)	2007 - 2008
ESS Graduate Student Research Award: \$2,500	2007
Fuller Field Course Fellowship: \$1,500	2008
Exxon Mobil Graduate Student Support Fund Field Study Fellowship: \$2,500	2008
CRONUS-Earth Graduate Research Fellowship National Science Foundation (NSF)	2008 - 2009
Chevron Research Fellowship: \$1,000	2009
Chevron Research Fellowship: \$1,500	2010
Dorothy G. Stephens Fellowship: 1,000	2010
Peter Misch Fellowship: one quarter of paid RA	2010

## TEACHING RESPONSIBILITIES

### University of Washington

Course: Physics 121 – Mechanics Lab Teaching Assistant – 9 hours week, 75 students/quarter (4 quarters)	2005 - 2006
Course: Earth & Space Sciences 101 – Introduction to Geology Lab Teaching Assistant – 6 hours/week, 75 students/quarter (2 quarters)	2006 - 2007
Course: Earth & Space Sciences 560 – Cosmogenic Nuclides Lecturer – Nuclear physics and reactions, 3 hours/quarter, 10 students	2008
Course: Earth & Space Sciences 315 – Environmental Geology Lab Teaching Assistant – 6 hours/week, 32 students	2010
Course: Earth & Space Sciences 305 – Geology of the National Parks Teaching Assistant – 50 students	2010
Course: Earth & Space Sciences 315 – Environmental Geology Lab Teaching Assistant – 6 hours/week, 36 students	2011
Course: Earth & Space Sciences 326 – Environmental Geology Lab Teaching Assistant – 2 hours/week, 34 students	2011

## MANUSCRIPTS

1. Leitner-Wutte D, McMahan MA, **Argento DC**, Gimpel T, Guy A, Morel J, Siero R, Thatcher R, Lyneis CM. 88 Inch Heavy Ion Cocktail. Lawrence Berkeley National Laboratory. Paper LBNL-51451. 2002. <http://repositories.cdlib.org/lbnl/LBNL-51451>
2. **Argento DC**, Stone JO, Fifield KL, Tims SG. Seawater Cl-36. *Nuclear Instruments and Methods B*. 268 (2010), pp. 1226-1228

## AD HOC REVIEWS

“Vertical distribution of 10Be, 26Al, and 36Cl in the surface soil layer of weathered granite at Abukuma, Japan”. Mahara, Hohjo, Kubota, Matsuzaki, Ohta, Mizuochi, Tashiro, Sekimoto, Takamiya, Shibata. *Nuclear Instruments and Methods B*. 268 (2010)

## NATIONAL AND INTERNATIONAL PRESENTATIONS

“Cosmogenic Nuclides and Snow Cover Corrections” Guest lecturer, Weekly graduate seminar, University of Catania Catania, Italy	2008
“Seawater Cl-36” Poster presentation, 11 <sup>th</sup> International Conference On Accelerator Mass Spectrometry Rome, Italy	2008
“Seawater Cl-36” – new results Poster presentation, NorthWest Geological Society Seattle, WA, USA	2009

“Seawater Cl-36” – new results 2009  
 Poster presentation, Goldschmidt Conference  
 Davos, Switzerland

“Constraining and modeling the production of  $^{36}\text{Cl}$  in the atmosphere and the ocean”  
 Poster presentation, ESS Research Gala 2010  
 Seattle, WA, USA

“Constraining and modeling the production of  $^{36}\text{Cl}$  in the atmosphere and the ocean”  
 Poster presentation, Northwest Geological Society (NWGS) 2010  
 Seattle, WA, USA

“Utilizing Monte-Carlo radiation transport and spallation cross sections to estimate nuclide  
 dependent scaling with altitude” 2010  
 Poster presentation, American Geophysical Union conference  
 San Francisco, CA, USA

“Modeling the cosmic radiation cascade” 2010  
 Oral presentation, 12<sup>th</sup> International Conference on Accelerator Mass Spectrometry  
 Wellington, New Zealand

#### **LOCAL RESPONSIBILITIES**

Graduate Student Computer Committee 2005 - 2007, 2009  
 Department of Earth & Space Sciences, University of Washington

Funded proposal, \$33,398.39 2006  
 Funded proposal, \$24,780.00 2007  
 Funded proposal, \$9806.44 2009

Graduate Student Prelim Representative 2009, 2010  
 Department of Earth & Space Sciences, University of Washington

Graduate Student Faculty Representative 2010