

## CURRICULUM VITAE- ALEXANDER C. ARONOVITZ

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### ALEXANDER C. ARONOVITZ

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## EDUCATION

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**2012**      **Anticipated M.S. Degree in Geological Sciences**, Sedimentology & Stratigraphy  
Jackson School of Geosciences, The University of Texas at Austin, Austin, TX USA  
Advisors: Joel Johnson & Wonsuck Kim

**2008**      **B.S. Degree in Geological Sciences**  
University of Rochester, Rochester, NY USA

## GEOLOGICAL RESEARCH & EMPLOYMENT

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**2010-**      **Research Assistant**  
Jackson School of Geosciences, The University of Texas at Austin  
Effect of grain size and bed morphology on the formation of step pools in river channels

**2010-**      **Teaching Assistant**  
Jackson School of Geosciences, The University of Texas at Austin  
Laboratory for Introduction to Geology (GEO303)

**2008 – 2010**      **Environmental Geologist**  
Comprehensive Environmental Inc. (CEI), Marlborough, MA USA

- Performed geotechnical field services for clients, including groundwater and soil monitoring and sampling, environmental site assessments, and hazardous waste remediation
- Compiled data and generated reports for Massachusetts DEP and New England EPA
- Served as a liaison between CEI and its clients to ensure responsive service and cost-effective solutions
- Conducted research to determine the effectiveness of potassium permanganate in oxidizing VOCs in groundwater

**2007 – 2008**      **Research Assistant**  
University of Rochester, Rochester, NY USA  
Analyzed strain transfer between magmatic rift segments in the Neotectonics and Applied Geophysics Laboratory using a temporary seismic array and remote sensing technologies

**2007 – 2008 Teaching Assistant**

University of Rochester, Rochester, NY USA

Laboratory for Evolution of the Earth (EES201), Environmental Geophysics (EES215)

**2007 Field Geology Assistant**

University of Rochester, Rochester, NY USA

Measured small-scale structural features (fractures and cleavages) of deformed sandstone in the Rio Grande Rift, New Mexico

**2006 Field Geology Assistant**

University of Rochester, Rochester, NY USA

- Collected basalt samples for the Paleomagnetic Research Laboratory and vertebrate fossils from the Late Cretaceous on Ellesmere and Axel Heiberg Islands
- Collected field data using compass and GPS; created geologic map of the Expedition and Strand Fiord areas of Axel Heiberg Island

**AWARDS**

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**2008 Distinction and High Honors in Research in Geological Sciences**

University of Rochester

**2007 Lattimore Prize Scholarship for Geological Field Work**

University of Rochester

**CONFERENCE ABSTRACTS**

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- 2007** Aronovitz, A.C., C.J. Ebinger, E. Campbell, D.B. Keir, A. Ayele, G. Mitra (2007), *Segment Linkage in Afar via Magma Intrusion: the Birth of a Transform Fault?* Eos Trans. AGU, 88(52), Fall Meet. Suppl., Abstract T41A-0354