



# Katherine McAlpine

Currently based in USA  
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**Objective:** To generate interest in and understanding of scientific topics through writing.

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**Education:** **Michigan State University** 2003-2007

- Dual degree: Professional Writing B.A., Physics B.A. (Honors)

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**Work:** **ATLAS E-News Journalist/Webmaster** 5/08 – present  
*ATLAS Collaboration, CERN*

- Write articles for the e-News and outreach websites
- Provide editing feedback for fellow journalists
- Update the website < <http://atlas-service-enews.web.cern.ch/atlas%2Dservice%2Denews/>>
- Improve technical aspects of the website

**US LHC Communicator** 10/07 – 4-08  
*Fermi National Accelerator Laboratory, stationed at CERN*

- Planned and accompanied visits of US journalists to CERN
- Modified CERN press releases to highlight US contributions
- Updated US LHC website and supervised blog
- Wrote articles for Fermilab Today, LiveScience.com, and *Symmetry* magazine

**Science Writing Intern** 5/07 – 9/07  
*American Physical Society*

- Selected stories and explain physics research from Physical Review articles
- Wrote for tip sheets, APS News, Physical Review Focus, and Physics Buzz blog
- Created and edited audio and video clips

**Summer Research Student** 6/06 – 8/06  
*Michigan State University Research Experience for Undergraduates program*

- Worked with a scientist at the National Superconducting Cyclotron Laboratory
- Programmed, studied research articles, analyzed compiled data
- Presented a poster in the undergraduate poster session at the Division of Nuclear Physics conference, 10/27/06; Nashville, TN

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**Other Experience:** **Rapping Science** 2006 – present  
*No label as yet...*

- Large Hadron Rap
  - Over 4.25 million views on YouTube
  - Covered in print, web, TV and radio around the world
- N3UROCHIP
  - First on YouTube, now over 85,000 views
- Spoke at SciCom 08 conference in Vienna
- For hire by research facilities for basic science

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**Volunteer Outreach Developer** 8/06 – 5/07

*National Superconducting Cyclotron Laboratory*

- Developed documents used to teach junior high and high school students nuclear physics
  - Instructions, web site
  - Writing, designing, revising, editing
- Helped manage students when these programs ran

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**Honors**

- Alumni Distinguished Commended Scholar, Michigan State University
- Honors College, Michigan State University
- Phi Beta Kappa

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**Skills:**

- Writing: articles, reports, web pages, slide shows, essays; for varied audiences
  - Software Proficiencies: Microsoft Office, particularly Word and Excel; Adobe Photoshop and Dreamweaver, some knowledge of Flash; Audacity, Windows Movie Maker
  - Coding: HTML, CSS
  - Languages: English, some French
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