

**CHRISTOPHER D. RICHARDS**

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**OBJECTIVE**

To educate and expand the fields of Mathematics and OR

**EDUCATION**

PhD in ORwE, Colorado School of Mines, Golden, CO, In Progress

MS in Operations Research, AFIT, Wright-Patt AFB, OH, 2009

BS in Mathematics, Pepperdine University, Malibu, CA, 2002

BS in Computer Science, Pepperdine University, Malibu, CA, 2002

**CAPABILITIES**

- Taught/mentored 400+ students in HS Math, Adv Physics & Calculus
- Analyzed T&E data; authored readiness reports for on-time deployment
- Coordinated coalition objectives through language and cultural skills
- Streamlined Close Air Support scheduling during Afghani deployment
- Designed and led both online and collaborative undergrad tutoring
- Provided weekly ops briefs directly to joint and coalition commanders
- Optimized F-18 weapon configuration for Chief Naval Officer
- Maintained 24/7 homework server; 1,000+ students across 10 courses
- Led Army elements in mountains to achieve accurate field test results
- Developed core Calculus curriculum, exams, projects & homework sets

## **ACHIEVEMENTS**

- Awarded Outstanding New Instructor after single semester of teaching
- Authored rapid test and prototyping of sensitive emerging Joint intel
- Recognized as "Top 5% of math students in Pepperdine history."
- Developed, coordinated & executed cross-service weapon assessment
- Certified Character Coach; highly requested by Academy Freshmen
- Awarded Officer of the Year for Congressional recruiting analysis
- Earned college degree independently during High School completion
- IED Decision Analysis research published and presented to 1000+

## **EXPERIENCE**

2014-Present	PhD Student, Colorado School of Mines, Golden, CO
2012-2014	Course Director and Instructor of Mathematics, DFMS, USAFA, CO
2009-2012	Lead Air Force Analyst, AF/A2 Field Service Office, Kirtland AFB, NM
2007-2009	Masters Student, AFIT , Wright-Patterson AFB, OH
2004-2007	Analysis Section Chief, HQ AF Recruiting Service, Randolph AFB, TX
2002-2003	Mathematics and Physics Teacher, CFS High School, Federal Way, WA