

Ian J. Irmischer

Curriculum Vitae

Personal:

Work: United States Military Academy
Department of Geography and
Environmental Engineering
West Point, NY 10996
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Home: 78 High Point Circle
Newburgh, NY
ian.irmischer@gmail.com

Security Clearance: Top Secret/SCI

Education:

MA Geography (2006), **University California Santa Barbara**

Primary course work: Geographic Information Systems

Thesis: "An Examination of Line of Sight Algorithm Error"

Thesis Advisor: Dr. Keith C. Clarke

M.Sc. Engineering Management (2001) **University Missouri Rolla**

B.Sc. Chemical Engineering (1996) **Tulane University**

Appointments and Awards:

Instructor, Department of Geography & Environmental Engineering, United States Military Academy, July 2006.

Fully Funded Masters Degree (University California Santa Barbara), U.S. Army, 2004.

Bronze Star, Army Commendation Medal (1OLC), Army Achievement Medal (2OLC).

Distinguished Military Graduate, U.S. Army ROTC, Tulane University, 1996.

Three Year Scholarship, U.S. Army ROTC, 1993.

Military Experience:

Bravo Company Commander, 588th Engineer Battalion (M), 4th Infantry Division, Baqubah, Iraq, 2003-2004.

Geospatial Analysis Officer, 2nd BCT, 4th Infantry Division, Fort Hood, Texas 2003.

Commander, 610th Engineer Detachment (Topo), Fort Hood, Texas, 2002.

Executive Officer, B Company, 40th Engineer Battalion, 1st Armor Division, Camp Bedrock, Bosnia, 1998-1999.

Terrain Analysis Officer, 2-6 Infantry Battalion, 2nd Brigade, 1st Armor Division, Tuzla, Bosnia, 1998.

Academic Experience:

Two years teaching experience with the Department of Geography and Environmental Engineering, United States

Military Academy:

Course Director, EV378, Cartography

Instructor, EV398, Geographic Information Systems

Instructor, EV203, Physical Geography

Instructor, EV489A, Independent Study

Service:

Supervisor - Advanced Individual Academic Development to Panama, 2007.

Undergraduate Academic Counselor (2006 to present) - Responsible for monitoring academic progress of over 15 students per year.

Undergraduate Club Officer Representative (2006 to present) - Cadet Mountaineering Team.

Disaster Relief Assistance, Hurricane Katrina, FEMA and American Red Cross, Baton Rouge, LA, 2005.

Professional Activities:

Member, Association of American Geographers (AAG).

Member, Gamma Theta Upsilon, International Geographical Honor Society.

Conference Presentations:

GIS Data Preparation and Model Development to Support Analysis in Military Geography

Irmischer, I., Hendricks, M., Harrison, J., Galgano, F.

American Association of Geographers Conference Annual Conference, San Francisco, CA, Apr 2007.

Software Skills:

ESRI ArcGIS 9.2, ArcSDE, ArcIMS, ERDAS Imagine, VB, VBA, HTML

Professional Development:

Master Teacher Program, USMA, 2006-2007.

Presenting Data and Information, Edward Tufte, Manhattan, NY, 2007.

New Instructor Training, USMA 2006.