Virginia Military Institute
2012 Institute Honors Graduates

John Alerding
Mechanical Engineering
Flapping-Wing Mechanism Design and Dynamic Structural Deformation Measurement using Videogrammetry and Simulation using Finite Element Analysis
Advisor: Colonel Joseph Blandino

Franklin Banegas
History
Sally Hemings and Thomas Jefferson: Narrative and Historical Analysis of Their Relationship
Advisor: Captain Blair P. Turner

Pattanun Chanpiwat
Civil and Environmental Engineering
Transportation Engineering Project: Driving Adaptability to the Joint Merge and MUTCD Configuration Used in Construction Zones
Advisor: Major Wakeel I. Idewu

Dallas Disbro
Economics and Business
A Study of the Deployment of Wind Power as a Renewable Energy Source: Spain's Feed-in Tariff v. Texas' Renewable Portfolio Standard
Advisor: Colonel Robert W. Moreschi

Boris Duvnjak
Economics and Business
Incentivizing Cooperation in Bosnia & Herzegovina
Advisor: Colonel Atin Basuchoudhary

Michael Everett
Mechanical Engineering
CFD Investigation of a Co-Flow Jet's Effect on the Central jet of a Concentric Nozzle System
Advisor: Major Ryan P. Taylor
*Best Institute Honors Thesis: Engineering/Sciences, Presented by the Institute Writing Program

Maxx Hipko
International Studies and Political Science
Tactical Strength, Strategic Weakness: The Unforeseen Consequences of the CIA Drone Campaign
Advisor: Brigadier General Charles F. Brower, IV

Jenna Pickett
International Studies and Political Science
Assessment of the Bush Administration's Policies Towards Improvement of the Living Conditions and Quality of Life for the Women of Afghanistan
Advisor: Brigadier General Charles F. Brower, IV

Brian Pool
Modern Languages and Cultures
Reel Freedom: The Military as 'Us' and 'Them' in Spanish Cinema since 1940
Advisor: Colonel Mary Ann Dellinger
*Best Institute Honors Thesis: Humanities/Social Science, Presented by the Institute Writing Program

Colin Roberts
Civil and Environmental Engineering
Gwinnett County's Evolving Water Shortage Crisis
Advisor: Major David W. Johnstone

Ryan Schaedel
Physics and Astronomy
Trace gas detection of Oxygen with cavity ring-down spectroscopy
Advisor: Lieutenant Colonel George M. Brooke, IV

Michael Shafer
Economics and Business
Is Value Investing a Fitter Strategy? – An Evolutionary Game Theory Approach
Advisor: Colonel Atin Basuchoudhary

Jacob Tharp
Mechanical Engineering
Could a Passive Cooling System Prevented the Fukushima Daiichi Disaster?
Advisor: Captain Robert L. McMasters

Troy Warcewicz
Civil and Environmental Engineering
The Application of Slow Sand Water Filtration in Developing Countries
Advisor: Major David W. Johnstone