

Current Graduate Students:

- Michael Brooks, M.Sc.
- Richard Dosselmann, Ph.D.
- Dr. Nikolay Kolev, M.Sc.
- Marian Moise, M.Sc.
- Alex Wang, M.Sc.
- Aifeng Ye, Ph.D.

Previous Graduate Students:

- Brien Beattie, “*Animating Steady Fluid Flow.*” **M.Sc.** October, 2010
- Yang He, “*Spatial decomposition of Hough Transform: A New approach to fast Circle detection.*” **M.Sc.** August, 2010.
- Hao Guo, “*Photometric Shape Recovery of Microstructure Objects*” **M.Sc.** December, 2009.
- He Tian,, “*Analysis of Rotation Effects in Eigenface-Based Face Recognition.*” **M.Sc.** (project based), August, 2008.
- Kort, Peter, “*The Use of the Hough Transform in Shape-from-Shading.*” **M.Sc.** August, 2007.
- Gibbs, Cara, “*Interactive 3D Modelling Technique Towards An Augmented Reality Application.*”, **M.Sc.**, April, 2007.
- Orland Hoerber, “*A Study on Interactive Visualization for Web Information Retrieval.*” **Ph.D.**, April, 2007.
- Richard Dosselmann, “*An Evaluation of Existing and Emerging Digital Image and Video Quality Metrics.*” **M.Sc.**, July, 2006.
- Heather, James, “*Spatial Decomposition of Hough Transform.*” **M.Sc.** Dec., 2005.
- Chen, Yaohua, “*A Measurement-Theoretic Foundation of Rule Interestingness Evaluation*”, **M.Sc.**, August, 2004 (as Co-Supervisor).
- Xu, William, “*3D Characteristic Contour-Based Face Recognition Technique*”, **M.Sc.**, August, 2004.
- SunYing, “*Visualization of High Dimensional Functions*”, **M.Sc.** August, 2004.
- Xu Fei, “*Computer Vision Application in Aerosol Can Detection in X-Ray Imagery*”, **M.A.Sc.**, July, 2004 (as Co-Supervisor).
- Ward, Aaron, “*Attributed Vector Quantization*”, **M.Sc.**, June 18, 2004.
- Manuylenko, Tetyana, “*Fast Pseudorealistic Rendering of Long Human Hair Using Cluster Hair Model*”, **M.Sc.** , March, 2004.
- Chong Li, “*Geometric Computations in Electronic Sculpturing.*” **M.Sc.** Sept., 2002
- Yang Liu, “*Progressive Wavelet Volume Rendering.*” **M.Sc.**, April, 2002.
- Robert Cowles, “*Fourier Transform of Arbitrary Image Regions.*” **M.Sc.**, Jan., 2002.
- Tao Wang, “*The Hierarchical Hair Model and Sweeping Rendering Algorithms.*” **Ph.D.**, Dec., 2001.

- Hu, Qiang, “*Dynamic Hair Simulation using the Dynamic Cluster Hair Model.*” **M.Sc.** Aug. 2001.
- Tao, Wan, “*IntruDetector: A Software platform for Testing Network Intrusion Detection Algorithms.*” **M.Sc.** Dec., 2000
- Bishan Li, “*Simulation of Radiowave Propagation Using Radiosity.*” **M.Sc.**, Nov., 1999
- Zhan Xu, “*Cluster Hair Modeling.*” **Ph.D.**, August, 1998.
- Jeff Hameluck, “*Electronic Sculpturing.*” **M.Sc.**, July, 1998.
- Huifa Gai, “*Partition Algorithms for Continuous Simulation.*” **M.Sc.**, April, 1998.
- Seyed Mohammad H. Ghavamnia, “*Direct Rendering of Multiresolution decompsed Volume Data.*” **Ph.D.**, April, 1998.
- Jun Shu, “*Interactive 3D Medical Image Visualization.*” **M.Sc.**, May, 1997.
- Xiaoxing Chen, “*Applications of image segmentation in parts classification.*” **M.A.S.**, March, 1996 (as co-supervisor).
- Lida Yang, “*Approximation techniques for physically-based animation.*” **M.Sc.**, Dec., 1994.
- Dennis Sellinger, “*Representation and visualization of multivarieted data.*” **M.Sc.**, December, 1993 (as co-supervisor).
- Vipin Gupta, “*Adaptive Segmentation Techniques.*” **M.Sc.**, September, 1993.
- Jacob Madjitey, “*Integer integral algorithms for volume reandering.*” **M.Sc.**, March 1993, (as co-supervisor).