Ph.D. STUDENTS:
last updated on Oct. 10, 2011

Cole Branch (Current) – Research topic – Pipe inspection using guided waves

Umar Amjad (Current) – Research topic – guided waves for NDE and SHM

Susheel Kumar Yadav (current) – Research topic – Feature extraction for damage detection in plates


Talieh Hajzargarbashi (current) – Research topic– Detecting the point of impact using acoustic emission technique and wave field modeling by DPSM.


Tamaki Yanagita (2009) – Dissertation – Mesh-Free Modeling of Ultrasonic Fields Generated by Transducers and Acoustic Microscopes (although Tamaki received her Ph.D. from the University of Arizona she had spent 10 months at ENS Cachan France as a visiting Ph.D. student under Prof. D. Placko who also advised Tamaki).


Sourav Banerjee (2005) - Dissertation: Elastic Wave Propagation in Corrugated Wave Guides (starting January 2012 he is an Assistant Professor in the Mechanical Engineering Department of the University of South Carolina)

Rais Ahmad (2005) - Dissertation: Wavelet Analysis and Ultrasonic Modeling for Pipe Inspection. (Dr. Ahmad visited ENS Cachan and carried out collaborative research with Dr. D. Placko of ENS Cachan, France; currently he is a Research Assistant Professor at the University of Connecticut).

Nasser A. Alnuaimi (2004) - Dissertation: Modeling of Ultrasonic Transducer in Homogeneous and Non-Homogeneous Medium by DPSM. Currently he is the Department Head of Civil Engineering Department, Doha University in Qatar.


Won-Bae Na (2001) - Dissertation: Nondestructive Evaluation of Bar-concrete Interface in Reinforced Concrete Structures (Co-advisor Dr. M. Ehsani). Currently Dr. Na is an Associate Professor of Ocean Engineering Department, Pukyong National University, Busan, South Korea. He also served as the Associate Dean of the Engineering College of Pukyong National University.


Zhichao Wang (2001) - Dissertation: Disturbed State Constitutive Modeling and Testing of Solders in Electronic Packaging (Co-advisor with Dr. C. S. Desai)


C. Basaran (1994) - Dissertation: Damage Propagation in Interfaces under Thermal and Mechanical Loading. (Currently he is a professor of the Civil Engineering Department at the State University of New York, Buffalo, Co-advisor with Dr. C. S. Desai).

J. Chia (1994) - Dissertation: Constitutive Modelling of Interfaces under Thermal Cycles. (Co-advisor with Dr. C. S. Desai).

S. V. Jagannath (1991) - Dissertation: Correlation Between Mechanical and Ultrasonic Responses for Anisotropic Behavior of Soils (Co-advisor with Dr. C. S. Desai).

C. Romanel (1989) - Dissertation: Soil-Structure Interaction Analysis for Buried Structures (Currently he is a Professor of the Civil Engineering Department at the University of Rio-de-Janerio, Brazil).


**Ph.D. students in Foreign Institutes**

(For the following Ph.D. students T. Kundu served as the Co-Advisor and co-authored papers with them on their Ph.D. dissertation; some of them came to the University of Arizona and spent some time at the NDE laboratory of the University of Arizona to carry out part of their Ph.D. research in Arizona)

Bo Hu (current) – Dissertation: Nondestructive testing of concrete – Principal Advisor: Professor Bingkang Liu, Hefei University of Technology, China. Mr. Hu spent 1 year in T. Kundu's NDE laboratory to carry out his dissertation research.


**M.S. STUDENTS**
Shawn Luke (current)
Bradley Stringham (current)
Tadd Johnson (current)
Steve Slaby (2011) - Graduated without MS thesis
Tri Miller (2002) - Thesis - Nondestructive Inspection of Corrosion and Delaminaion at the Concrete-Steel Reinforcement Interface
Young-Chul Jung (1999) - Thesis: Detection of Defects in Concrete using Lamb Waves. Winner of the Best MS Thesis Award at the University of Arizona, (Co-advisor Dr. M. Ehsani)
Dongshan Guo (1998) – Thesis: C-Scan and L-Scan Generated Images of the Concrete/GFRP Composite Interface


C. Romanel (1987) - Thesis: A Hybrid Finite Element Technique for Soil-Structure Interaction Analysis. Currently he is a Professor of the Civil Engineering Department at the University of Rio-de-Janerio, Brazil.

Tasnim Hassan (1985) - Thesis: A Numerical Study of the Dynamic Response of Interface Cracks in a Layered Plate. Currently he is a Professor in the Civil Engineering Department at the North Carolina State University.