

**The University of Iowa College of Engineering
Student Development Center/Engineering Professional Development
Cooperative Education and Internship Program**

**Civil and Environmental Engineering
Co-op/Internship Employers and Positions 2003-07**

Advanced Heat Treat Metallurgical heat treating facility intern...project management, quality assurance, and documentation	Waterloo, Iowa
Advanced Specialties Consulting engineering	Iowa City, Iowa
Alliant Energy Analyze lifting points on power plants and calculate maximum lifting load, design a method to improve the lifting points	Cedar Rapids, Iowa
Ashton Engineering Engineering Intern/structural and civil engineering assignments on bridges/fabrication/roads	Davenport, Iowa
Bechtel Overall systems design and engineering for hydraulic and hydrologic projects	Frederick, Minnesota
BFA Environmental Consultants Engineering consulting firm focusing on environmental impact and amelioration of negative effects of various public and private development projects	Orlando, Florida
Bolten and Menk Engineers Consulting engineer, development projects for private and governmental clients	Chaska, Minnesota
Burns and McDonnell Project Controls group intern for Construction-Design Build (CDB) global practice	Kansas City, Kansas
Butler County Engineer Construction surveying and inspection	Allison, Iowa
CH2M Hill Assist in preparation of environmental impact assessment for Mexican regulatory agency/document coordination/environmental permitting of Liquefied Natural Gas Terminal in northeastern Mexico/translation	Englewood, Colorado
Cargill Research separating coal combustion flyash from the bottom ash and finding beneficial uses for both materials, process leader for ash separation and testing of ash for content	Eddyville, Iowa
City of Iowa City Engineering Surveying and inspection/plan review/highway and subdivision projects	Iowa City, Iowa
City of Marion Engineering Department Sidewalk inspections, materials testing, construction inspection, surveying and traffic studies	Marion, Iowa

City of Naperville Civil Engineering Intern/field surveys and inspections/development of maps and drawings utilizing AutoCAD and/or ArcView GIS	Naperville, Illinois
City of Sioux City Surveying, storm sewer mapping, various CAD drawing and city engineering projects	Sioux City, Iowa
City of West Chicago AutoCAD maps for alley improvement/oversaw resurfacing project and contractors/occupancy inspections	West Chicago, Illinois
City of Urbandale Sidewalk and subdivision inspections, utility locates, sign and streetlight inventory program, sanitary sewer capacity analysis, and traffic studies	Urbandale, Iowa
Clapsaddle-Garber Associates Consulting Engineering Intern	Marshalltown, Iowa
Coralville City Engineer Public works projects and subdivision inspections/surveying, material collection, AutoCAD drafting	Coralville, Iowa
Craig R. Knoche and Associates Preliminary engineering and CAD drafting of civil engineering documents/writing and assembly of site evaluation reports/surveying	Geneva, Illinois
Des Moines Water Works Engineering inspection, surveying, and other projects as assigned	Des Moines, Iowa
DeWild, Grant, Rickert and Associates Engineering Consulting engineering on various projects	Sioux City, Iowa
Dubuque County Highway Department Surveying, assisting County Engineer, Inspection and Testing	Dubuque, Iowa
Exelon Nuclear Intern for the Design Engineering Department at the Quad Cities Nuclear Plant, and work with mechanical, electrical, structural engineers	Cordova, Illinois
F.H. Paschen Logging RFIs, transmittals, submittal processing, reviewing subcontractor insurance certifications and setting-up project field offices	Chicago, Iowa
Florida Power, Light, & Energy – Duane Arnold Nuclear Plant License renewal process intern...collect, analyze, and organize documentation for licensing of nuclear station	Palo, Iowa
Geotechnical Services, Inc. Soil testing, concrete testing, and some environmental testing	Urbandale, Iowa
Habitat for Humanity Construction design intern...project management...volunteer recruitment	Iowa City, Iowa
Hall and Hall Engineers Project engineering consulting firm...storm sewer, water main, and pavement reconstruction projects	Hiawatha, Iowa

Howard R. Green Company Construction inspection for highway project/property surveys and inventories	Cedar Rapids, Iowa
HBK Engineering Surveying and drafting; certifications and drilling projects	Chicago, Illinois
HDR Engineers Consulting engineering intern...company focus is on petroleum energy companies designing docks for things like oil and LNG tankers...ocean engineering problems such as the erosion of the beaches	Corpus Christi, Texas
HNTB Corp. Field work on water resources/drainage of highway pavement spreadsheet analysis, inlet design, pipe design, and culvert design	Kansas City, Missouri
HSR Associates, Inc. Structural engineering and architectural shop drawings, specs, correspondence, and organization	Madison, Wisconsin
Hall and Hall Engineering Project drafting and design, management on municipal projects and private projects as necessary	Hiawatha, Iowa
Illinois DOT: Schaumburg Construction inspection and documentation of reconstruction project on state highway, project includes paving, retaining wall and bridge construction, storm sewer and traffic signal installation	Schaumburg, Illinois
Iowa County Engineer Project inspection/culvert design/construction surveying/bridge inventory	Marengo, Iowa
Iowa Dept. of Natural Resources P2 Program at GKN Armstrong Wheel Research and implementation of program to reduce use and disposal of oil in the manufacturing process	Armstrong, Iowa
Iowa Department of Natural Resources P2 Program at Goodyear Formulate a plan to reduce company's landfill waste to zero by the end of 2007	Mt. Pleasant, Iowa
Iowa Department of Natural Resources P2 Program at John Deere Engine Works Analysis and implementation of an industrial plastics recycling program	Waterloo, Iowa
Iowa Department of Natural Resources P2 Program at VA Med. Ctr. Study and implementation of programs to manage use and disposal of refrigerant	Iowa City, Iowa
Iowa Department of Natural Resources P2 Program at Wells Dairy Evaluate water and waste reduction opportunities	LeMars, Iowa
Iowa Department of Transportation Conduct traffic analysis/perform safety analysis on roadways and construction zones/records and documentation	Ames, Iowa
Iowa Department of Transportation Preparation of estimates, quantities, etc. for upcoming highway projects	Cedar Rapids, Iowa
Iowa Department of Transportation Preparation of estimates, quantities, etc. for upcoming highway projects	Davenport, Iowa

Iowa Department of Transportation Project Engineering Intern...highway design and construction	Mt. Pleasant, Iowa
Kiewit Western Co. Field engineering on lakefront highway project/materials and tools costing and purchasing/coordinated concrete pours: calculating quantity, ordering, placement	Elgin, Illinois
LAN Engineering Consulting engineering projects	Irvine, California
LMS CADSI Preparation of validation documents for DADS 9-6.02 requested by clients/conceiving and implementing models using software and theoretically validating results/develop model for V-belt to simulate the effect of friction forces in a belt	Coralville, Iowa
MMS Consultants Survey technician, construction boundaries, thimble GPS, robotics	Iowa City, Iowa
Manhard Consulting Consulting engineering internship	Lombard, Illinois
Mannik and Smith Group, Inc. AutoCad, construction/site project work/inspection, surveying, and reporting/documentation	Maumee, Ohio
Matkin Engineering Structural engineering contracting; drafting and project planning	Fairfield, Iowa
McClure Engineering Surveying, GPS, running level lines, creating and modifying drawings using AutoCAD, Figuring slopes, grads and property lines	Coralville, Iowa
Mid-American Energy Gas Engineering department, working with the integrity management of the gas transmission lines, new regulations for transportation of gas, and cathodic protection of the pipe	Sioux City, Iowa
Missouri DOT Contract administration, inspection of highway contracts, material testing and sampling	Kansas City, Missouri
NNW Inc. Software development, CAD design and field data collection	Iowa City, Iowa
Opus Architects Associate structural engineer, structural analysis and design, review design drawings, specifications, subcontractors' calculations, job site observation	Minnetonka, Minnesota
PCL Civil Constructors, Inc Field engineer on pier remediation, concrete and grout testing on micro-piling and sister shafts Quantity take-offs and monitor subcontractors	Tampa, Florida
PCL Construction Services, Inc Field engineer intern for the superstructure on the C755 Link Light Rail Project	Tukwila, Washington

Packer Engineering Site visits/case research/consulting engineering projects	Naperville, Illinois
Polk County Department of Public Works Construction surveys/preliminary project surveys/paving inspection/traffic safety data collection	Des Moines, Iowa
RBF Consulting Assist with design and plan preparation for school, irrigation and drainage improvements	Irvine California
Racine Paving Estimating jobs, field inspections, and surveying	Richmond, Iowa
Reukert and Milke Construction review technician, surveying	Sussex, Wisconsin
Ruettiger Tenelt & Associates Consulting engineering intern, overlook site plans, take-off development plans, creating demolition plans on AutoCAD	Joliet, Illinois
Rockford Department of Public Works Gather field survey data/inspection of construction work in progress/documents quantities and procedures and prepares pay estimates	Rockford, Illinois
Sheaffer and Roland Assist engineers with wastewater, stormwater, and water supply facilities design, and field services	Geneva, Illinois
Shive-Hattery Inc. Concrete and soil testing and analysis/reporting and documentation/surveying	Iowa City, Iowa
Stanley Environmental Assist on environmental engineering consulting projects	Coralville, Iowa
Strand Associates Inspection of municipal development projects	Madison, Wisconsin
Superior Environmental Corporation Research; real estate transfer assessments; investigation sampling	Bay City, Michigan
Terracon Testing and analysis/inspection/construction projects	Cedar Rapids, Iowa
Third Wave Systems Engineering intern	Minneapolis, Minnesota
UI College of Engineering Civil/Environmental Engineering Dept Engineering research and analysis	Iowa City, Iowa
UI Design/Construction Services Civil Engineering duties as assigned, primarily at Blank Honors Center	Iowa City, Iowa
UI College of Engineering Orientation Services Orientation Advisor for 1 st Year Engineering Students	Iowa City, Iowa

UI IIHR Assist with research and project development	Iowa City, Iowa
UI ITS Client support and technical installation	Iowa City, Iowa
UI Water Treatment Plant Engineering Intern/construction and maintenance projects	Iowa City, Iowa
UPS Maintenance management and dispatching, computer maintenance management system	Palatine, Illinois
UOP Research and development...chemical processes...plant processes and operations	McCook, Illinois
US Army Corps of Engineers, Rock Island District Engineering intern for Rock Island District on Mississippi River, various projects	Rock Island, Illinois
U.S. HHS Indian Health Service Sanitation engineer on reservation	South Dakota
USDA Natural Resources Conservation Service Assist engineer with surveying, design and supervision of runoff control structures	Red Oak, Iowa
Veenstra & Kimm Project inspector on paving project/surveying and contractor compliance	West Des Moines, Iowa
Village of Fox Point City engineering internship, inspection and testing	Fox Point, Wisconsin
Village of Glen Ellyn Assist staff engineers with design plan development, construction oversight and field duties/surveying/pavement and sidewalk inspection	Glen Ellyn, Illinois
Village of Lombard Inspections, municipal engineering, pavement projects	Lombard, Illinois
Village of Wheeling Assist village engineers with drafting and printing projects/inspections for sidewalks, driveways, parking lots and sewer systems	Wheeling, Illinois
Village of Whitefish Bay City engineer assistant, surveying, testing and inspection	Whitefish Bay, Wisconsin
Washington County Engineer Surveying; drawing; bridge and road inspection	Washington, Iowa