

BCIAC RESEARCH REPORTS CATALOGUE

Legend: FIU = Florida International University; UF = University of Florida; IRCC = Indian River Community College; TP = Technical Publication.

<u>Building Code & Regulations</u>	<u>Institution</u>	<u>Year</u>
Privatization of Plans Review & Inspection Functions: A Feasibility Study Professor Jack Dye TP # 124	FIU	2000
Building Permit Requirements in Dade and Broward Counties: Framework for a Model Permitting System Professor Jack Dye TP # 118	FIU	1995
A Model Construction Permitting System for the State of Florida Dr. Felix Uhlik TP # 93	UF	1995
Effectiveness of Hurricane Shutters in Mitigating Storm Damages Professor Jose Mitrani TP # 116	FIU	1994
 <u>Building Trades</u>		
A Study of Vocational Training Dropouts Professor Jack Dye TP # 123	FIU	1999
Inventory of Apprenticeship Programs in the State System Professor Jack Dye TP # 122	FIU	1997
A Study of the Need for a Journeyman on Small Construction Projects Professor Jack Dye TP # 120	FIU	1997
Recommended Changes to the Existing Vocational Continuing Education Programs for the Building Trades Dr. Oppenheim and Dr. Tom George TP # 95	UF	1994
Development of a Data Base of MBE/DBE Firms and Decision Models to Determine their Capacity for the Florida Construction Industry Dr. Irtishad Ahmad TP # 112	FIU	1994

RESEARCH REPORTS

<u><i>Building Trades</i></u>	<u><i>Institution</i></u>	<u><i>Year</i></u>
Recruitment, Training & Employment of Construction Craftsmen in Florida: Impediments & Recommendations Dr. Brisbane Brown, Jr. & Mr. Ali Markus TP # 58	UF	1988
An Analysis of Carpentry Apprenticeship Programs in Florida Dr. Brisbane H. Brown, Jr. & Mr. Ali Markus TP # 47	UF	1988
Effects of the Shortage of Skilled Carpenters in the Home Building Industry in Florida: Impediments and Recommendations Dr. Brisbane H. Brown, Jr. and Mr. Ali Markus TP # 48	UF	1988
Effects of the Shortage of Skilled Carpenters of the Associated General Contractors of Florida: Impediments and Recommendations Dr. Brisbane H. Brown, Jr., and Mr. Ali Markus TP # 50	UF	1987
An Analysis of the Shortage of Skilled Carpenters in Florida as Reported by Union Contractors: Impediments and Recommendations Dr. Brisbane H. Brown, Jr. and Mr. Ali Markus TP # 51	UF	1988
Effects of the Shortage of Skilled Carpenters on the Associated Builders and Contractors of Florida: Impediments and Recommendations Dr. Brisbane H. Brown, Jr. and Mr. Ali Markus TP # 52	UF	1987
Recruitment, Training, and Placement of Residential and Commercial Carpentry Programs Offered through State Supported Vocational Training Centers and Community Colleges Dr. Brisbane H. Brown, Jr. and Mr. Ali Markus TP # 54	UF	1988
Increasing Minority Participation in the Construction Industry in Florida - Phase II Professor Luh-Mann Chang TP # 41	UF	1986

Construction Management

Construction Management Approach - An Industry Executive Consensus Dr. George Birrell TP # 73	UF	1991
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RESEARCH REPORTS

<u><i>Construction Management</i></u>	<u><i>Institution</i></u>	<u><i>Year</i></u>
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A Guide to Alternative Procurement Process for Construction Projects – Report Title, “So You Need a New Building”? A Guide to Clients on Procurement Approaches” Dr. George Birrell TP # 60	UF	1988
Control Factors in Scheduling - Report Title “Construction Scheduling Factors, Emphasis, Impediments, and Problems As Seen by Construction Experts Dr. George Birrell TP # 59	UF	1988
A Study to Investigate the Feasibility of a Construction Information Center in the State of Florida Dr. Kweku K. Bentil TP # 57	UF	1988
A Study of Applications and Effects of Emerging Automated and Information Technology in Construction Dr. Amaury Caballero TP # 125	FIU	2001
Measurement of Construction Processes for Continuous Improvement Dr. Syed M. Ahmed TP# 128		
Construction Delays in Florida: An Empirical Study Dr. Syed M. Ahmed TP # 129		
 <u>Contracts</u>		
A Study of the “No Damages for Delay” Clause Dr. Michael Cook TP # 108	UF	2000
Alternative Bid - Evaluation and Contract Award Systems Dr. Irtishad Ahmad TP # 111	FIU	1993
Alternative to 10% Retainage Dr. Irtishad Ahmad TP # 107	FIU	1992
Code Enforcement: Scope & Extent of Problem and Recommendations for Solutions Professor Wilson Barnes TP # 105	FIU	1992

A Study of Mandatory Minority Participation Program on Public Funded Construction Projects in Florida UF 1989
 Dr. Kweku Bentil
 TP # 66

RESEARCH REPORTS

<u><i>Economy</i></u>	<u><i>Institution</i></u>	<u><i>Year</i></u>
Lending Industry's Role in Residential Contraction Professor Linda Kone TP # 90	UF	1994
An Updated Study of the Impact of the Construction Industry on Florida's Economy Dr. Brisbane Brown, Jr. TP # 83	UF	1992
 <u><i>Environmental</i></u>		
Guide for Green Residential Construction in Florida Dr. Charles Kibert TP # 106	UF	1999
Development of an On-Site Waste Management System and Recycling Infrastructure for Residential Construction in Florida Dr. Felix Uhlik TP # 98	UF	1997
A Study of Greywater Dr. Richard Coble TP # 94	UF	1995
Guidelines for the Use of Reclaimed Water in the State of Florida Dr. Charles Kibert TP # 88	UF	1992
Guidelines to Contractors in Dealing with Environmental Issues Dr. Charles Kibert TP # 77	UF	1992
A Feasibility Study to Determine Methods of Utilizing Commingled Plastics in Building Construction Applications Dr. Weilin Chang TP # 68	UF	1990
 <u><i>Financial Management</i></u>		
Contractor Financial Management and Construction Productivity Improvement Phase I - Vol. II Dr. Carleton Coulter TP # 86	UF	1992

RESEARCH REPORTS

Financial Management

Institution ***Year***

Contractor Financial Management and Construction Productivity Improvement Phase I - Vol. I UF 1992
 Dr. Carleton Coulter
 TP # 87

Change Order Control System for Improved Production and Profit-Phase I UF 1992
 Dr. Carlton Coulter
 TP # 84

A Study of the Lending Industry's Role in Construction UF 1992
 Professor Bill Eppes & Mr. Dan Whiteman
 TP # 75

Force Account Construction UF 1983
 Professor Arlan Toy
 TP # 26

Heating, Ventilation, and Air Conditioning

Development of an Energy Efficient Building Construction in Florida UF 2000
 Dr. Leon Wetherington (*For updated version contact UF-IFAS*)
 TP # 107

Effects of HVAC Sanitation Procedures on Indoor Air Quality for Residential Construction - Phase II FIU 1995
 Dr. Irtishad Ahmad
 TP # 119

Assessment of the Effectiveness of HVAC Sanitation Processes Improving Indoor Air Quality FIU 1994
 Dr. Irtishad Ahmad
 TP # 113

Fiberglass in Construction FIU 1991
 Professor Julio Otazo
 TP # 104

Improving Teaching for Service Systems in Florida FIU 2002
 Dr. Amaury Caballero
 TP # 127

Licensing

A Study of Florida's Licensing System for Construction Contractors-Ph.2 FIU 1997
 Professor Jack Dye
 TP # 121

RESEARCH REPORTS

<u><i>Licensing</i></u>	<u><i>Institution</i></u>	<u><i>Year</i></u>
Practices in the Construction Industry Which are Subject to Law Suits - Phase 2 Professor Wilson Barnes TP # 108	FIU	1992
Role and Liability of the Qualifying Agent in a Corporate Structure Professor Wilson Barnes TP # 110	FIU	1993
A Study of Florida's Licensing System for Construction Contractors Dr. Irtishad Ahmad TP # 109	FIU	1992
Practices in the Construction Industry which are Subject to Law Suits - Phase 3 Professor Wilson Barnes TP # 114	FIU	1994
Local Licensing in the State of Florida Dr. Ayman Morad TP # 106	FIU	1992
A Comprehensive Study of Licensing Construction Contractors in Florida Dr. Weilin Chang TP # 76	UF	1991
Applicability of a Mechanic's Lien Law Recovery Fund for the Florida Residential Construction Industry Dr. G. Arlan Toy TP # 72	UF	1991
Develop and Teach a Course on Practices and Pitfalls in the Construction Industry that are Subject to Law Suits - Phase I Professor Wilson Barnes TP # 102	FIU	1991
A Study of the Construction Schools that Teach Individuals to Pass the Construction Industry Licensing Board Examinations Professor Jose Mitrani TP # 101	FIU	1991
A Feasibility Study of Continuing Education for Licensed Contractors in the State of Florida Dr. Weilin Chang TP # 64	UF	1988

RESEARCH REPORTS

<u><i>Licensing</i></u>	<u><i>Institution</i></u>	<u><i>Year</i></u>
Problems Caused by Unlicensed Contractors and Recommendations to Correct the Matter Dr. Morris Trimmer TP # 61	UF	1988
<u><i>Plumbing</i></u>		
A Pilot Study on Copper Tube Corrosion in Florida Dr. Kwaku Tenah TP # 105	UF	1999
Single Stack Plumbing Drainage Systems Dr. Richard Coble TP # 89	UF	1992
<u><i>Radon Control</i></u>		
A Study of Mitigative Techniques in Existing Houses to Control Indoor Radon Exposure in Alachua and Marion Counties in Florida Professor Richard Furman TP # 71	UF	1990
<u><i>Roofing</i></u>		
A Study of the Loss of Bond Between Roof Tiles and Mortar on Pitched Roofs Professor Wilson Barnes and Professor Jose Mitrani TP # 115	FIU	1994
Evaluation of Alternative Roofing Systems Phase II Mr. Richard Jones, Dr. Brown, Professor Crosland and Professor Strange TP # 82	UF	1988
Instructor's Manual–3 Day Roofing Course for Florida School Systems Professor Crosland and Professor Strange TP # 55	UF	1985
Research and Development of Guidelines for the Reduction of Life-Cycle Costs of Roofing in Florida Professor Crosland and Professor Strange TP # 36	UF	1984
Development of Materials for a Short Course in Roofing Maintenance Professor Luther Strange TP # 29	UF	1984

RESEARCH REPORTS

<u><i>Roofing</i></u>	<u><i>Institution</i></u>	<u><i>Year</i></u>
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Testing and Development of Durable Cost Effective Roofing Systems in Florida Professor Luther Strange TP # 24	UF	1983
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An Investigation of Premature Roof Failure in Florida Professor Luther Strange TP # 37	UF	1981
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Swimming Pools

A Comprehensive Study of the Use of Chlorine Gas in Swimming Pools Dr. Charles Kibert and Dr. Richard Coble TP # 91	UF	1994
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Deterioration of Marcite in Swimming Pools Dr. Brisbane Brown, Jr. and Dr. E. Dow Whitney TP # 74	UF	1991
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Workers' Compensation

Workers' Compensation Fraud Deterrent Implmentation Dr. Richard Coble TP # 101	UF	1999
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A Study of Exemptions of the Florida Workers' Compensation Program Dr. Richard Coble TP # 97	UF	1997
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An Investigation of the Attorney's Role in Workers' Compensation Professor Wilson Barnes TP # 117	FIU	1995
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A Study of Fraudulent Workers' Compensation Claims Dr. Richard Coble & Mr. Dan Whiteman TP # 92	UF	1994
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Safety Practices That Reduce Workers' Compensation Costs and Increase Productivity Dr. Carleton Coulter TP # 85	UF	1992
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CONTINUING EDUCATION REPORTS

<u>Software</u>	<u>Institution</u>	<u>Year</u>
Electronic Documents: Saving Contractor's Time & Money Dr. Kevin Miller	UF	2002

TP # 27

A Study of the Total Impact on Florida's Economy of the Construction Industry Mr. G. Arlan Toy TP # 30	UF	1984
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Groundwater Quallity Monitoring For Greywater Systems - Part II Mr. Harold Holland & Mr. John Zoltek TP # 40	UF	1985
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The Impact of the Florida Construction Industry on the State Economy Mr. G. Arlan Toy TP # 49	UF	1987
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Dissemination & Continuation of Study Investigating Shortage of Construction Craftsmen in Florida Dr. Brisbane Brown, Jr. TP # 62	UF	1989
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A Seminar on How to Prepare Proposals For the Building Construction Industry Advisory Committee Dr. Brisbane Brown, Jr. TP # 65	UF	1989
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ACTIVE RESEARCH GRANTS

<u>Research #</u>	<u>Title & Principal Investigator</u>	<u>Institution</u>	<u>Ends</u>
R98-8	Preparation of Public Awareness Bulletins Professor Gene Farmer	FIU	12/01
R99-6	Development of Continuing Education Revised for Reinforced Masonry Construction (RMS) and Bracing Masonry Walls Dr. Syed Ahmed	UF	07/02
R99-7	Development of a Risk Management Model Dr. Syed Ahmed	FIU	12/01

ACTIVE RESEARCH GRANTS

<u>Research #</u>	<u>Title & Principal Investigator</u>	<u>Institution</u>	<u>Ends</u>
R 99-8	Measurement of Construction Processes for Continuous	FIU I m p r	12/01

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Dr. Syed Ahmed

R00-3

Development of a Handbook Titled "Termites and Proper

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R00-7	Dr. Leon Wetherington Construction Delays in Florida: An Empirical Study Dr. Syed Ahmed	FIU	06/02
R00-11	Development of a Continuing Education Course Resulting	UF	06/02

Dr. Michael Cook

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