

Curriculum Vitae-SACs Short Vita-NIBERT SALTIBUS

Assistant Professor in Engineering Technology, Department of Engineering Technology, Sam Houston State University, Box: 2088 Huntsville, TX 77341. Tel: 936-294-1201 nes021@shsu.edu

EDUCATION

Doctor of Philosophy in Civil Engineering August 2015
Louisiana Tech University, Ruston, LA
Master of Science in Civil Engineering August 2014
Louisiana Tech University, Ruston, LA
Bachelor of Science in Drafting Design Technology / Construction Science
Minor: Mathematics
Grambling State University, Grambling, LA May 2009
GPA:3.84/4.0
Associates Degree in Architectural Technology December 2003
Sir Arthur Lewis Community College, Castries, St. Lucia
Technician Diploma in Construction August 2003
City and Guilds of London Institute, London England

WORK EXPERIENCE

Graduate Assistant/Teaching Assistant November 2009-July 2015
Louisiana Tech University, Ruston, LA
Drafting Technician October 2006-February 2007
Department of Engineering Technology, Grambling State University, Grambling LA
• Recorded building dimensions on site to reproduce floor plans needed for renovations
• Helped to prepare workshops facilitated by the department of engineering technology.
Drafting Technician
Total Design Associates, Castries, St. Lucia
• Assisted drafting floor plans for architect
• Conducted research on structures for design purposes

LEADERSHIP

- Publications Representative for NSBE
- First Vice President for CALYPSO

HONORS

- President's List, Grambling State University December 2006
- Certificate of Appreciation, Grambling State University April 2007
- Certificate of Excellence, Caribbean Young Leaders May 2000

TEACHING EXPERIENCE

Assistant Professor, Department of Agricultural and Engineering Technology, Sam Houston State University, Huntsville, TX. Fall 2015-Present

Courses Taught (Spring 2017)

- ETCM 4370 Construction Plans & Documents
- ETEC 4367 Engineering Materials Technology
- ETCM 2363 Architectural Design

Courses Taught (Summer 2017)

- ETCM 2363 Architectural Design

Courses Taught (Fall 2017)

- ETCM 4370 Construction Plans & Documents
- ETCM 2363 Architectural Design [2 Sections]

Graded the following courses (Assignments and Exams): MEEN 475 (Mechatronics), MEEN 215 (Engineering Materials Laboratory), MEEN 321 (Manufacturing Processes) February 2007-2009

Academic Tutor/Student Instructor

Grambling State University, Grambling, LA

High School Teacher: Government of St. Lucia, Castries, St. Lucia September 2003-July 2006

PROFESSIONAL SERVICE

Departmental Assignments-(Not limited to these two)

Engineering Technology Search Committee

Fall 2015 - Present

Engineering Technology Marketing Committee

Fall 2015 - Present

Student Recruitment Drive-Engineering Technology

Lone Star College-Montgomery

October 2015

Reviewer/Abstracts

American Society of Engineering Education (ASEE)-Construction Division

WORKSHOPS

Innovations in Asphalt Mix Design Procedures. (Jan. 2016). Transportation Research Board (TRB), 95th Annual Meeting, Washington D.C.

Writing & Designing NSF Proposals Workshop, Houston TX (Jan. 25, 2016)

CONFERENCES ATTENDED

Transportation Research Board (TRB), 97th Annual Meeting, Washington D.C. (Jan. 2018)

RESEARCH EXPERIENCE

Dissertation: Saltibus, N. E. (2015). "The role of the dewetting mechanism on moisture damage in asphalt pavements."

Reports: Wasiuddin, N.M., and **Saltibus, N.E.** (2010). Theoretical and experimental determination of adhesion between asphalt binders and aggregates in dry and wet conditions. *Report*, Louisiana Department of Transportation and Development, Louisiana Transportation Research Center, No.00-4TIRE.

Presentations: ***Saltibus, N.** and Wasiuddin, N. (2017) "Hole Distribution in Asphalt Films after the dewetting of asphalt films." Presented at the 54th Peterson Asphalt Research Conference, Laramie, WY.*Presenter.

Saltibus, N. Saltibus, N. (2017). "Analysis of the Traditional Method of Teaching and POGIL Employed in a one semester engineering materials course." *Presented* at American Society of Engineering Education, Columbus OH, 2017.

Wasiuddin, N. M., Marshall, A., **Saltibus, N.E.**, Saber, A., Abadie, C.D., Mohammad, L.N. (2012). Transportation Research Board Poster Winners: "The winner from the first half of the poster sessions, and the overall runner-up..." ASPHALT: The magazine of the asphalt institute, 2012.

Wasiuddin, N. M., Marshall, A., **Saltibus, N.E.**, Saber, A., Abadie, C.D., Mohammad, L.N. (2012). "Use of sweep test for emulsion and hot-asphalt chip seals: laboratory and field evaluation." TRB 91st Annual Meeting Compendium of Papers, DVD.

Proceedings

Saltibus, N. (2017). "Analysis of the Traditional Method of Teaching and POGIL Employed in a one semester engineering materials course." American Society of Engineering Education, OH.

Wasiuddin, N.M., **Saltibus, N.**, Mohammad, L.N. (2011). "Effects of a wax-based warm mix additive on cohesive strengths of asphalt binders." 1st T&DI Congress 2011, Chicago, Illinois: 2011. ASCE. 528-537.

Articles in Referred Journals

Saltibus, N., and Wasiuddin, N. (2017). "Moisture Damage in Asphalt: Analysis Based on the Dewetting Mechanism." *Journal of Materials in Civil Engineering*, 29(6).

Sobolev, K., Vivian, I.F., Saha, R., Wasiuddin, N. M., **Saltibus, N.E.** (2013). "The effect of fly ash on the rheological properties of bituminous materials. Original Research Article. *Fuel*, 116, 471-477.

Wasiuddin, N. M., Marshall, A., **Saltibus, N.E.**, Saber, A., Abadie, C.D., Mohammad, L.N. (2013). "Use of sweep test for emulsion and hot asphalt chip seals: laboratory and field evaluation." *ASTM. J. of Testing and Materials*, 41 (2).

Wasiuddin, N.M., **Saltibus, N.**, Mohammad, L.N. (2011) "Novel moisture conditioning method for adhesive failure of hot and warm-mix asphalt binders." *Transportation Research Record*, National Research Council, Washington, D.C.