

UNIVERSITY OF THE DISTRICT OF COLUMBIA

SCHOOL OF ENGINEERING AND APPLIED SCIENCES



Annual Honors and Awards Ceremony

Virtual Event

Thursday, April 26, 2021, 4:00pm

University of the District of Columbia

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Jerome Shelton (Treasurer)

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Mignon L. Clyburn

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Renée McDonald Hutchins, J.D.

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School of Engineering and Applied Sciences

External Advisory Boards

Civil Engineering

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- Mr. Richard Barret, P.E., Project Engineer, RK&K
- Dr. Inder Bhambri, Ph.D., PE, Professor Emeritus, University of the District of Columbia
- D. Scott Wolf, PE, PLS, F.NSPE, Special Assistant, Office of the Administrator, Federal Highway Administration

Mechanical Engineering

- Dr. Shawn Moyan, National Institute of Standard and Technology (NIST) Gaithersburg
- Dr. Siddique Kidwai, Naval Research Laboratory, Washington DC
- Mr. Williams Ramolus, Booz Allen
- Mr. Frank Boris, Boris Automotive & Safety Solutions, LLC
- Mr. Devin Kennedy, Northrup Grumman
- Dr. Washington de Lima, Kansas City National Security Campus
- Dr. Dan Bowen, Kansas City National Security Campus
- Dr. Raymond D. O'Toole, Jr., Office of the Director, Operational Test & Evaluation, U. S. Department of Defense
- Dr. Ashley Stowe, Y-12 National Security Complex
- Mr. Phillip Lowell, Northrup Grumman
- Dr. Amy Elliot, Oak Ridge National Laboratory
- Dr. Eva Mutunga, Postdoctoral Fellow, University of the District of Columbia
- Dr. Segun Adebayo, Professor of Mechanical Engineering (Retired), University of the District of Columbia

Electrical and Computer Engineering

- Chair, Mr. Alireaza Mohadjer, President and CEO, Satways, Inc
- Dr. Leonard R. Rockett, President, Technology Metrics, LLC
- Mr. Ernest Freeman, PE, Founder and CEO, SFA, Inc Contractor (DoD, NRL)
- Dr. Michael J. Marcus, Founder and CEO, Marcus Spectrum Solutions LLC
- Dr. Bruce Douglass, Senior Principal Agile Systems Engineer, MITRE Corporation, McLean, VA

Biomedical Engineering

- Alexander Dromerick, M.D., Vice President of Research, MedStar National Rehabilitation Hospital, Chair & Professor of Rehabilitation Medicine, Georgetown University
- Arielle Drummond, Ph.D., Manager, Regulatory Affairs, LivaNova, Lecturer, Johns Hopkins University
- Victor Krauthamer, Ph.D., Former Director, Division of Biomedical Physics, Center for Devices and Radiological Health, Office of Science and Engineering Labs, FDA
- Arlene King-Berry, J.D., Chair of UDC Faculty Senate
- Dr. Segun Adebayo, Ph.D., UDC Emeritus Professor of Mechanical Engineering
- Dr. Peter Liacouras, Ph.D., Director 3D Medical Applications Center, Walter Reed Military Medical Center
- Dr. Tianyao Chen, Ph.D., Humotech Corporation

Computer Science and Information Technology

- Mr. Ado Trakic, Consultant
- Mr. Ivan M. Johnson, Chief Executive Officer and President, Novel Applications of Vital Information, Inc.
- Ms. Angela Manley, Chief Executive Officer, DaeD Industries, LLC
- Mr. Travis Armbuster, Director of Information Services, Arena Stage at the Mead Center for American Theater
- Mr. Cedric Wilkerson, Senior IT Security Services Advisor, Verizon Enterprise Solutions
- Boyle Stuckey, Chief Executive Officer, Consultant, S2Ci
- David Johnson, VP Intelligence Programs, Novel Applications of Vital information

School of Engineering and Applied Sciences

Honors and Awards Program

Presiding

Kate Klein, Ph.D.
Associate Professor, Mechanical Engineering

Welcome

Devdas Shetty, Ph.D.
Dean, School of Engineering and Applied Sciences

Recognition of Students

VIDEO PRESENTATION

Dean's List
Honors
Graduating Students
Special Service Award to Graduate Student

Student Remarks

Graduating Seniors

Samba Gaye, Mechanical Engineering
Amin Fazulurrahman, Civil Engineering
Olaseni Adeniji, Computer Science

Engineering Ambassadors, Skarleth Vasquez and Natalie Gallo
Outstanding Research,

Jaime Rios, Mechanical Engineering
Takele Gemed, Mechanical Engineering
Saul Henderson, Electrical Engineering
Chavar Henry, Civil Engineering, Student Representative to the Board of Trustees

Concluding Remarks

Looking Forward

Ludwig Nitsche, Ph.D.
Associate Dean

DEAN'S LIST

Dean's List – Undergraduate students who earned a cumulative GPA of at least 3.0 and a term GPA of 3.30 or higher with no I's, F's, or W's, while earning a minimum of 12 credit hours during the 2020 Spring or Fall semesters.

Biomedical Engineering

Musaab Ali, Fall 2020
Javaun Harriott, Spring 2020 and Fall 2020
Gloria Hernandez, Fall 2020
Glacia Martin, Spring 2020 and Fall 2020
Aliya Newby, Spring 2020 and Fall 2020
Oshin Wilson, Fall 2020

Civil Engineering

Kalkidan Ayele, Spring 2020 and Fall 2020
Maksim Bahdanovich, Spring 2020 and Fall 2020
Aldaire Bazan Alegria, Spring 2020 and Fall 2020
Quilmar Bercian, Spring 2020
Richmond Lin Calapano, Spring 2020 and Fall 2020
Abdelmoughit El Jahidi, Spring 2020 and Fall 2020
Amin Fazulurrahman, Spring 2020 and Fall 2020
Alaina Feather, Spring 2020 and Fall 2020
Carla Flores Benavides, Spring 2020 and Fall 2020
Natalie Gallo, Fall 2020
Andrae Harris, Spring 2020 and Fall 2020
Chavar Henry, Spring 2020
Iris Hernandez Camas, Spring 2020 and Fall 2020
Horace Mitchell, Spring 2020 and Fall 2020
Danilo Nascimento, Spring 2020
Maryori Ramirez, Spring 2020 and Fall 2020
Moges Regassa, Spring 2020
Malik Shingler, Spring 2020 and Fall 2020
Kevin Turcios Lovato, Spring 2020 and Fall 2020
Natinael Zaga, Fall 2020

Electrical Engineering

Kaieem Anderson, Spring 2020 and Fall 2020
Getahun Bekele, Spring 2020 and Fall 2020
Javar Dougall, Fall 2020
Arnold Feutmba, Fall 2020
Shavonne Fraley, Spring 2020 and Fall 2020
Ibsa Gala, Fall 2020
Luis Hernandez Camas, Spring 2020
Robera Jinfessa, Spring 2020 and Fall 2020
Obiora Mbanefo, Spring 2020
A'Lisa Meus, Spring 2020
Daniel Orebiyi, Spring 2020
Seriphap Phomsavath, Fall 2020
Jonathan Prado Valdivia, Spring 2020 and Fall 2020
Gavin Robinson, Spring 2020 and Fall 2020
Jose Solano, Spring 2020
Carlos Velazquez, Fall 2020
Vance Warren, Spring 2020 and Fall 2020

Information Technology

Anegni Abikou, Fall 2020
Andrew Addison-Newby, Fall 2020
Clinton Amponsah, Spring 2020
Antonio Boyd, Fall 2020
Chukwuka Ewelike, Spring 2020 and Fall 2020
Francisco Garcia, Spring 2020 and Fall 2020
Steffi Graham, Spring 2020 and Fall 2020
Deonte Hicks, Fall 2020
Tamires Macedo, Spring 2020 and Fall 2020
Allan Muir, Spring 2020 and Fall 2020
Gabriell Peterson, Spring 2020 and Fall 2020
Luis Sanchez-Lopez, Fall 2020
Ousmane Traore, Spring 2020
Dontae Walker, Fall 2020
Mulualet Woldeyes, Spring 2020 and Fall 2020
Nicholas Yankey, Spring 2020 and Fall 2020



Computer Science

Mubarek Abdela, Spring 2020 and Fall 2020
Michael Alemayehu, Spring 2020 and Fall 2020
Ahmed Ali, Spring 2020 and Fall 2020
Eden Amare, Spring 2020 and Fall 2020
Christian Ananga Ebini, Fall 2020
Lesly Arevalo, Spring 2020 and Fall 2020
Kaleab Assefa, Spring 2020 and Fall 2020
Adine Barrett, Spring 2020 and Fall 2020
Matthewos Bisrat, Fall 2020
Mia Boyd, Spring 2020 and Fall 2020
Jaime Cusihaman-Marin, Spring 2020
Nelson Duran, Spring 2020 and Fall 2020
Mohamed Eledisy, Spring 2020 and Fall 2020
Jeffrey Enamorado, Fall 2020
Marckenly Estima, Spring 2020 and Fall 2020
Karla Ferrel Castillo, Fall 2020
France Gebrehiwot, Spring 2020 and Fall 2020
Haron Gebremeskel, Spring 2020 and Fall 2020
Rahel Gizaw, Spring 2020 and Fall 2020
Yayehyrad Haile, Spring 2020 and Fall 2020
Ahmed Hassan, Spring 2020 and Fall 2020
Jonathan Hernandez-Santos, Fall 2020
Caleb Kelly, Spring 2020 and Fall 2020
Adonias Kidane, Spring 2020 and Fall 2020
Meaza Kidane, Fall 2020
Kaleab Kifle, Spring 2020 and Fall 2020
Lijadis Layew, Spring 2020
Josue Antoni Lopez Marin, Spring 2020
Alyssa Beth Luna, Spring 2020 and Fall 2020
Rocio Marco, Spring 2020 and Fall 2020
Tarshe McEachin, Fall 2020
Mariah McKie, Spring 2020 and Fall 2020
Mreaed Mengesha, Spring 2020 and Fall 2020
Irem Ozel, Spring 2020 and Fall 2020
Carlos Palencia, Fall 2020
Joan Sandoval Flores, Fall 2020
Dwayne Segree, Fall 2020
Michael Smith, Fall 2020
Justin Stephan, Spring 2020 and Fall 2020
Samantha Stewart, Spring 2020 and Fall 2020
Isha Subedi, Spring 2020 and Fall 2020
Alexie Taylor, Fall 2020
Itallya Taylor, Spring 2020 and Fall 2020
Sourou Tossou, Spring 2020 and Fall 2020
Jermel Watson, Spring 2020 and Fall 2020
Romell Wilson, Fall 2020
Getaante Yilma, Spring 2020 and Fall 2020
Surafel Zerihun, Spring 2020 and Fall 2020
Samuel Zewdu, Spring 2020 and Fall 2020



Mechanical Engineering

Hamza Abdelaziz, Spring 2020 and Fall 2020
Marvellous Achugbu, Spring 2020
Jason Alberti-Medrano, Spring 2020
Olmer Alvarado, Spring 2020 and Fall 2020
Justin An, Spring 2020 and Fall 2020
Marilyn Andrade Guillen, Fall 2020
Hans Matthew Baes, Spring 2020
Kuuku Botchway, Fall 2020
Hayden Brown, Spring 2020 and Fall 2020
Kymani Brown, Spring 2020 and Fall 2020
Matthew Brown, Fall 2020
Korey Carter, Spring 2020 and Fall 2020
Jana Catuche, Fall 2020
Joshua Dillard, Spring 2020 and Fall 2020
Chance Eden, Spring 2020 and Fall 2020
Juan Estevez Hernandez, Spring 2020 and Fall 2020
Voss Harrigan, Spring 2020 and Fall 2020
Kelechi Iwuchukwu, Fall 2020
Tarun Malhotra, Fall 2020
Karen Marquez, Spring 2020
Wilson Mendez, Spring 2020
Betelhiem Mengesha, Spring 2020 and Fall 2020
Bushira Musa, Fall 2020
Babacar Ndoye, Fall 2020
Mawussi Nzonou, Fall 2020
Jacob Ocasio, Fall 2020
Evan Preller, Spring 2020 and Fall 2020
Heriniaina Rakotomanana, Spring 2020
Andoniaina M. Randriambololona, Spring 2020 and Fall 2020
Brent Thigpen, Fall 2020
Danielle Thompson, Fall 2020
Ryan Walker, Spring 2020 and Fall 2020

STRAIGHT “A”

Straight A – Undergraduate student(s) who were enrolled full-time during the 2020 Spring and Fall semesters, completed a minimum of 60 credit hours, and earned all A’s for both semesters in college-level courses.

NAME	MAJOR	CLASS
Mubarek Abdela	Computer Science	Senior
Maksim Bahdanovich	Civil Engineering	Junior
Aldaire Bazan Alegria	Civil Engineering	Junior
Hayden Brown	Mechanical Engineering	Senior
Mohamed Eledisy	Computer Science	Senior
Amin Fazulurrahman	Civil Engineering	Senior
Carla Flores Benavides	Civil Engineering	Senior
Rahel Gizaw	Computer Science	Senior
Andoniaina M. Randriambololona	Mechanical Engineering	Senior
Kevin Turcios Lovato	Civil Engineering	Senior
Getaante Yilma	Computer Science	Senior

HIGH HONORS

High Honors – Undergraduate students who earned a cumulative GPA of 3.60-3.79 while enrolled full-time during the Fall 2019, Spring 2020 and Fall 2020 semesters in college level courses with no I’s, F’s, or W’s.

NAME	MAJOR	CLASS
Rahel Gizaw	Computer Science	Senior
Allan Muir	Information Technology	Junior
Aliya Newby	Biomedical Engineering	Sophomore
Michael Alemayehu	Computer Science	Sophomore
Chance Eden	Mechanical Engineering	Junior
Glacia Martin	Biomedical Engineering	Junior
Adonias Kidane	Computer Science	Senior
Alyssa Beth Luna	Computer Science	Senior
Richmond Lin Calapano	Civil Engineering	Junior
Isha Subedi	Computer Science	Senior

HIGHEST HONORS

Highest Honors – Undergraduate students who earned a cumulative GPA of 3.80-4.00 while enrolled full-time during the Fall 2019, Spring 2020 and Fall 2020 semesters in college level courses with no I's, F's, or W's.

NAME	MAJOR	CLASS
Amin Fazulurrahman	Civil Engineering	Senior
Andoniaina M. Randriambololona	Mechanical Engineering	Senior
Jermel Watson	Computer Science	Sophomore
Getaante Yilma	Computer Science	Senior
Joshua Dillard	Mechanical Engineering	Junior
Horace Mitchell	Civil Engineering	Junior
Iris Hernandez Camas	Civil Engineering	Senior
Betelhiem Mengesha	Mechanical Engineering	Sophomore
Mia Boyd	Computer Science	Senior
Carla Flores Benavides	Civil Engineering	Senior
Evan Preller	Mechanical Engineering	Junior
Hayden Brown	Mechanical Engineering	Senior
Irem Ozel	Computer Science	Sophomore
Kevin Turcios Lovato	Civil Engineering	Senior
Justin Stephan	Computer Science	Senior
Samantha Stewart	Computer Science	Junior
Maksim Bahdanovich	Civil Engineering	Junior
Mubarek Abdela	Computer Science	Senior
Itallya Taylor	Computer Science	Sophomore
Nicholas Yankey	Information Technology	Sophomore
Kymani Brown	Mechanical Engineering	Junior

TOP STUDENTS

Top Student (Transfer students are ineligible to receive honors in this category)

- Freshman – student(s) who earned the highest cumulative GPA in college level courses among full-time students and who have completed 12-29 hours and were enrolled full-time in the Fall 2020 semester.
- Sophomore – student(s) who earned the highest cumulative GPA in college-level courses among full-time students and who have completed 30-59 hours and were enrolled full-time in the Fall 2020 semester.
- Junior – student(s) who earned the highest cumulative GPA in college level courses among full time students and who have completed 60-89 hours and were enrolled full-time in the Fall 2020 semester.
- Senior – student(s) who earned the highest cumulative GPA in college level courses among graduating full time students and who have completed 90 or more credit hours and were enrolled full-time during the Fall 2020 semester.

NAME	MAJOR	CLASS
Mawussi Nzonou	Mechanical Engineering	Freshman
Jermel Watson	Computer Science	Sophomore
Horace Mitchell	Civil Engineering	Junior
Andoniaina M. Randriambololona	Mechanical Engineering	Senior
Getaante Yilma	Computer Science	Senior

Special Service Award to Graduate Student

Sandra Marcella Nkamgna-Harris, Electrical Engineering

Lala Aicha Coulibaly, Computer Science

Wondwosen Demisse, Mechanical Engineering

2020-2021 Lockheed Martin Scholars and Projects

STUDENT	PROJECT TITLE	FACULTY ADVISOR
CIVIL ENGINEERING		
Kalkidan Ayele	Anaerobic co-digestion of food waste and fat, oil & grease (FOG) to maximize energy	Hossain Azam
Richmond Calapano	Performance enhancement of current bio-mediated techniques with alternative mineral precipitation for bio-mediated ground improvement utilizing anaerobic digestion effluent of water resources recovery facility (WRRF)	Hossain Azam and Lei Wang
Andrae Harris	Understanding of Marine Sand Properties and Its Usage as Construction	Pradeep Behera
Iris Hernandez and Danilo Nascimento	Engineering Ambassador Program to Engage High School and Community College Students' Interest in STEM	Lei Wang
Lirane Mandjouda	Chelating agent-assisted inhibition and dissolution of struvite: experimental and modeling analysis	Hossain Azam
Horace Mitchell	Using Psychological and Physiological Needs to Estimate Community Travel Demand and Freight Demand	Bryan Higgs
Assefa Tadesse	Performance evaluation of membrane bioreactor (MBR) in sustainable buildings	Hossain Azam
COMPUTER SCIENCE AND INFORMATION TECHNOLOGY		
Nii-Emil Alexander-Reindorf	Monte Carlo Tree Search and Counterfactual Regret Minimization in Cybersecurity Threats	Paul Cota
Michelle Guo	Identifying Security Vulnerabilities in Public Application Programming Interfaces (APIs) in Android Operating System (OS) Mobile Application Development	Anteneh Girma
ELECTRICAL AND COMPUTER ENGINEERING		
Jesus Badal & Omer Okur	Foundation settlement monitoring system	Sasan Haghani
Andrew Grizzle	Local IoT Wireless Network for External Structural Temperature Modeling and Prediction using Machine Learning Algorithms	Sasan Haghani and Timothy Oladunni
Saul Henderson	XBee-Based Wireless Sensor Network for Air Quality Monitoring in Home Office	Sasan Haghani
Luis Hernandez Camas	Simulation and Modeling of perovskite solar cells for reliable and high efficiency renewable energy application	Hongmei Dang
Robera Jinfessa	Smart Cities Applications Project	Esther Ososanya
Tewodros Mamo	Time Series Forecasting Using Deep Learning	Nian Zhang
Jonathan Prado Valdivia	Streamflow Prediction Based on Least Squares Support Vector Machine	Nian Zhang

2020-2021 Lockheed Martin Scholars and Projects

MECHANICAL AND BIOMEDICAL ENGINEERING		
Luis Hernandez Camas & Martin Glacia	Develop a smartphone app to collect and display health related data collected from sensors.	Ji Chen
Betelhiem Mengesha	Analytical Modeling of Transport Phenomena in Membrane Desalination	M. Reza Shaeri
Evan Preller	Investigation and Design of Additively Manufactured Microchannel Heat Exchangers with Different Cross Section	Jiajun Xu

Additional Recognitions Fall 2020 – Spring 2021

2020-2021 Awards

Jesus Badal, Civil Engineering, NASA Headquarters Internship, Fall 2020 and Spring 2021

UDC-ACI Team placed the 11st in the 2020 Concrete Solutions Competition organized by American Concrete Institute (Team members: **Richmond Calapano, Iris Hernandez, Skarleth Vasquez, Andrae Harris, Marcel Gahouma, Natalie Gallo, and Mubarek Abdela**)

UDC American Concrete Institute (ACI) Student Chapter received recognition as 2020 Outstanding University (Student Officers: **Richmond Calapano, Iris Hernandez, Skarleth Vasquez, Andrae Harris, Marcel Gahouma, Natalie Gallo**)

CCEN 101 Robotics Showcase Competition, December 2020, “Autonomous Lunar Rover Swarms”, Winning Project: TEAM 1: The Screaming Gophers, **Phenicia Eberepou, Ervin Graddick, Christopher Vasquez, and Arnold Feutmba**

Md Amimul Ehsan, Electrical Engineering (MS) received the Best Poster Award at the Student poster competition/ IEEE Electrical Power and Energy Conference (EPEC2021).

Natalie Gallo, Civil Engineering, won the second place for the 2021 Geotechnical Student Essay Contest hosted by the American Society of Civil Engineers National Capital Section Geo-Institute

Darold Kelly Jr., Electrical Engineering, Gula Tech Foundation Grant.

Competitions 2020-2021, Cybersecurity Hacking CTF Challenge, Terminix, Samantha Stewart (Computer Science), **Nickisha Phillips** (Information Technology)

Kevin Turcios, Lirane Mandijoupa, Assefa Tadeese, Ar'Manni Pretlow, Hadi Chamali, Ji Shin, Stephanie Fuentes, under the supervision of Dr Azam, UDC Design Team of Civil Engineering won the second prize in the Chesapeake Water Environment Association (CWEA) competition.

Amin M. Fazulurrahman, Civil Engineering was awarded by ASCE-NCS as Outstanding Civil Engineering Graduating Senior

Student Publications Peer-reviewed paper published by ASME

Vincent Lamberti, **Joshua Dillard, Uzma Amir**, Pawan Tyagi, "Structural Stability of Magnetic Tunnel Junction Based Molecular Spintronics Devices (MTJMSD)." Peer-reviewed paper published by ASME

Joshua Dillard, Andrew Grizzle, Wondwosen Demisse, Pawan Tyagi, Lucas Rice, Cordell Benton, "Effect of Altering the Sequence of Chempolishing and Electropolishing on Surface Properties of Additively Manufactured (AM) 316 Steel Components." Peer-reviewed paper published by ASME

Fall 2020 – Spring 2021 Scholarship Recipients

Mubarek Abdela, Computer Science, received International Bridge, Tunnel and Turnpike Association (IBTTA) Foundation's HBCU Scholarship

Tasneem Abdus-Shakur, TCMF Miller Coors Scholarship

Tewodros Mamo, Electrical Engineering (MS), HBCU CARES Fund, Spring 2021

Davies Aklamati, Computer Science, UDC Foundation T&F SCH AWARD

Stephanie Fuentes, Civil Engineering, 2020 ACI National Capital Chapter Student Scholarship

Christine Hanna, Civil Engineering, awarded ASCE/NCS Scholarship

Chavar Henry, Civil Engineering, awarded ASCE/NCS Scholarship

Horace Mitchell, Civil Engineering, awarded ASCE/NCS Scholarship

Manuel Pimentel, Computer Science, 2021 AMIE/Lockheed Martin HBCU Impact Scholarship

Samantha Stewart, Computer Science, CodePath.org Black Excellence Scholarship

Samantha Stewart, Computer Science, 2021 AIME/ Lockheed Martin HBCU Impact Scholarship

Jermel Watson, Computer Science, DC UP

Getaante Yilma, Computer Science, received International Bridge, Tunnel and Turnpike Association (IBTTA) Foundation's HBCU Scholarship

Upcoming 2021 Summer/Fall Internships

Demario Asquitt, Computer Science, splunk>

Tasneem Abdus-Shakur, Biomedical Engineering, Boston Scientific Corporation, Product Development Intern

Lala Coulibaly, Computer Science, Axle Informatics

Joshua Dillard, 2021 National Nuclear Security Administration-DOE Student Engineer III Internship Position, Honeywell Federal Manufacturing & Technologies

Rahel Shiferaw Gizaw, Computer Science, Data Mining of Quality Inspection Records/Data Scientist, NASA (Education Office at the Jet Propulsion Laboratory educational fellowship in the Maximizing Student Potential (MSP) in STEM internship program)

Alyssa Beth Luna, Computer Science, Optum (UnitedHealth Group), Basking Ridge, NJ

Samantha Stewart, Computer Science, Summer Engineering Analyst, Goldman Sachs

Nicholas Yankey, Information Technology, IBM

2020-2021 Job Placements

Olaseni Adeniji, Computer Science, Microsoft

Cyree Beckett, Electrical Engineering, Lockheed Martin, Florida.

Tyra Coombs, Biomedical Engineering, Department of Navy

Loubna Eager, Civil Engineering, Facilities Engineering, Department of Defense

Md Amimul Ehsan, Electrical Engineering (MS), Post-graduate Researcher/ National Institute of Standards and Technology (NIST).

Amin Fazulurrahman, Civil Engineering, Geotechnical Staff Project Manager, Engineering Consulting Services (ECS) Mid-Atlantic

Natalie Gallo, Civil Engineering, Field Engineer, Terracon

Winta Gebreslassie, Biomedical Engineering, United States Patent Office

Hiwot Gezahegn, Computer Science, Wells Fargo

Rahel Shiferaw Gizaw, Computer Science, NASA Engineer Student Ambassador, NASA-CAM-STAR at UDC

Hamza Hawkins, Computer Science, Microsoft

Iris Hernandez, Civil Engineering, Field Engineer, Turner Construction

Jonathan Prado Valdivia, Electrical Engineering, Product Development Engineer, Ford Motor Company, MI.

Victor Ramos, Electrical Engineering, Kellogg's Research Labs, Salem, NH.

Donovan Surgick, Information Technology, United Health Group, Inc.

Skarleth D. Vasquez, Civil Engineering, Project Engineer, The Whiting-Turner Contracting Company

Graduates Fall 2020 – Spring 2021

Bachelor of Science

Civil Engineering (BS)

Abdullah Alsharif
Abdullah Mutshir R. Alanazi
Mohammed Alsubaiei
Kalkidan Tefera Ayele
Usman Ali Choudhary
Esther Mankand Disamb
Amin M. Y. Fazulurrahman
Marcel Harey Gahouma
Natalie Gallo
Iris Lizeth Hernandez Camas
Malik James Derrick Masaai McNair Shingler
Kevin O. Turcios Lovato
Skarleth D. Vasquez Ramirez

Electrical Engineering (BS)

Farhan Alanazi
Cyree Beckett
Getahun Belay Bekele
Jonathan Elmer Prado Valdivia
Fana Zewede



Biomedical Engineering (BS)

Mulatu K. Bachoro

Mechanical Engineering (BS)

Mohammad Abduo
Rashed Alsubaie
Olmer A. Alvarado Ruiz
Abdullah Ali Baobayd
Abdullah Bonahayah
Jana Christina Catuche
Samba Gaye
Babacar Elhadj Ndoeye
Noufou Ouedraogo
Heriniaina Teddy Rakotomanana
Amar Osama Y. Raml
Jaime Eduardo Rios Jr.
Ahmad Naif A Shahatah
Carlos Daniel Velazquez

University Honors

B.S. degree with 60% of credits at UDC and
3.80 Summa cum laude
3.60 Magna cum laude
3.30 Cum laude

Diplomas awarded contingent on satisfying all degree requirements and pending approval of the department chair.

Graduates Fall 2020 – Spring 2021

Bachelor of Science

Computer Science (BS)

Fawaz Olaseni Adeniji
Favour Temitope Anifowose
Christian Ananga Ebini
Jaime Antonio Cusiahaman-Marin
Larry Phillip Frayer II
Hiwot Gezahegn
Rahel Shiferaw Gizaw
Kareem Gouridine
Mohammed A. Hamdi
Ahmed Sabry Hassan
Hamza Hawkins
Jonathan Hernandez-Santos
Olivia Nkweto Katebe
Tadele Jirata Lamma
Lijadis Genetu Layew
Rocio Natalia Marco
Mreaed Yilma Mengesha
Tena Bekele Mengesha
Meseret Bule
Rahmaan Ali Rasheed Jr.
Michael A. Richardson
Henok Wondimu Tasissa
Robel Gebremaryam Tesfaye
Sourou Gael Armel Tossou
Ekene Uzoegwu
Leonna A. Weeks

Information Technology (BS)

Garrin Kyler Adolphe
Tamia Rayshell Baxter
Antonio Romelo Boyd
Francisco Garcia
Ronald Marcus Hudson
Mohamed Saleck Mohamed Jiddou
Nickisha Phillips
John Charles Rosales Jr.
Donovan Isaac Surgick
Bitanya Weldesembet



University Honors

B.S. degree with 60% of credits at UDC and
3.80 Summa cum laude
3.60 Magna cum laude
3.30 Cum laude

Diplomas awarded contingent on satisfying all degree requirements and pending approval of the department chair.

Graduates Fall 2020 – Spring 2021

Master of Science

Computer Science (MS)

Junied Altaf
Shewakena Yaregal Belachew
Lala Aicha Coulibaly
Michelle Ann Guo
Funsho Isaac Koyejo
Diau M. Said
Awet Petros Sbhatu

Civil Engineering (MS)

Noah Simon Bell
Pablo Edilberto Sanchez Guerrero

Electrical Engineering (MS)

Robera Jinfessa
Saul Henderson
Sandra Marcella Nkamgna-Harris

Mechanical Engineering (MS)

Takele D. Gemedu
Pius Suh



Diplomas awarded contingent on satisfying all degree requirements and pending approval of the department chair.

School of Engineering and Applied Sciences

Faculty and Staff

Office of the Dean

Devdas Shetty, Ph.D., PE, Dean
Ludwig Nitsche, Ph.D., Associate Dean
Mavis Johnson, Staff Assistant
Ann Lankford, Dir. of Student Engagement
Tonya P. Harris, Secretary

Department of Civil Engineering

Pradeep Behera, Ph.D., PE, D.WRE, Chair
Hossain Azam, Ph.D.
Bryan Higgs, Ph.D.
Lei Wang, Ph.D., PE
Ahmet Zeytinci, Ph.D., PE, Fellow-NSPE
Veronica Williams, Secretary

Department of Computer Science and Information Technology

Briana Wellman, Ph.D., Chair
Uzma Amir, Visiting Instructor
Li Chen, Ph.D.
Anteneh Girma, Ph.D.
Dong Jeong, Ph.D.
Thabet Kacem, Ph.D.
Junwhan Kim, Ph.D.
Lily Liang, Ph.D.
Timothy Oladunni, Ph.D.
Byunggu Yu, Ph.D.
Sandra Brooks, Secretary

Technical Support

Hung Ha, IT Specialist
Pablo Sanchez Guerrero, Lab Engineer
Gebretensae Tzadu, IT Specialist

Department of Electrical and Computer Engineering

Esther Ososanya, Ph.D., Chair
Paul Cotae, Ph.D.
Hongmei Dang, Ph.D.
Sasan Haghani, Ph.D.
Wagdy Mahmoud, Ph.D., PE
Amir Shahirinia, Ph.D.
Nian Zhang, Ph.D.
Clara Cooper, Secretary

Department of Mechanical Engineering

Kate Klein, Ph.D., Chair
Ji Chen, Ph.D.
Max Denis, Ph.D.
Ludwig Nitsche, Ph.D.
Mohammad Reza Shaeri, Ph.D.
Lara Thompson, Ph.D.
Pawan Tyagi, Ph.D.
Jiajun Xu, Ph.D.
Veronica Williams, Secretary

**Thank you for sharing in our Annual Honors and Awards Ceremony to support the
School of Engineering and Applied Sciences students.**

We wish continued success to all students and graduates.